CAB ABSTRACTS

ISSN 0032–0803

Int. Inst. of Parasitology
395A Hatfield Road
St Albans
Herts AL4 0XU

Plant Breeding Abstracts

1997 Volume 67 Annual Indexes

Includes List of Source Journals

CAB INTERNATIONAL

Plant Breeding Abstracts

Plant Breeding Abstracts is a monthly journal which covers the world literature on crop breeding and genetics. All species of economic importance are covered, including ornamentals and forest trees. It started publication in 1930 and contains approximately 13,000 abstracts each year derived from the CAB ABSTRACTS database which is compiled from the world's scientific and technical literature.

Editor
Andrew M. Praciak BSc
Assistant Editor
D.G. Massey BSc

The CAB ABSTRACTS database is compiled from the world's scientific and technical literature. Over 40,000 published documents, including research papers, conference proceedings and papers, books reports, patents and theses are received annually from more than 130 countries in 50 languages. This material is screened, translated, abstracted and indexed by professional and support staff, including 90 subject specialists and linguists. More than 50,000 new records are added to the database each year, the majority containing informative abstracts. Over 3.5 million abstracts from the world literature have been added to the computerized databases since 1973, and this is complemented by a similar number in printed form before 1973, from CABI's origins in 1913.

All Editorial correspondence, reprint requests, advertizement enquiries, claims orders and remittances, should be addressed to:
CAB INTERNATIONAL, Wallingford, OXON OX10 8DE, UK.
Tel: +44 (0)1491 832 111 Fax: +44 (0)1491 826090 E-mail: cabi@cabi.org

Subscription
The annual printed subscription price is as follows:
For institutions in member countries of CAB INTERNATIONAL, the subscription to volume 67 is £564.00. The subscription price for non-member countries is £705.00 (dollar rate $1,235.00). All orders must be accompanied by payment. Abstract Journals are available on floppy disk for the same annual price. Back volume prices are available on request. A reduced rate for personal subscriptions is available for orders placed directly with the publisher. *For details of other CABI publications and services see back cover.*

Disclaimer
The information contained herein, including any expression of opinion and any projection or forecast, has been obtained from or is based upon sources believed by us to be reliable but is not guaranteed as to accuracy or completeness. The information is supplied without obligation and on the understanding that any person who acts upon it or otherwise changes his/her position in reliance thereon does so entirely at his/her own risk.
CAB INTERNATIONAL does not accept responsibility for any trade advertisement included in this publication.

© 1997 CAB INTERNATIONAL. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form by any means, mechanical, electronic, by photocopying, recording or otherwise, without the prior written permission of CAB INTERNATIONAL.

Plant Breeding Abstracts

Volume 67



CAB INTERNATIONAL

Prepared by

CAB INTERNATIONAL INFORMATION INSTITUTE
DEPARTMENT OF PLANT SCIENCES AND NATURAL RESOURCES

1997

CAB INTERNATIONAL
Wallingford
Oxon OX10 8DE
UK

Tel: +44 (0)1491 832111
Fax: +44 (0)1491 833508
E-mail: cabi@cabi.org

CAB INTERNATIONAL
198 Madison Avenue
New York, NY 10016-4314
USA

Tel: +1 212 726 6490
Fax: +1 212 686 7993
E-mail: cabi-nao@cabi.org

©CAB INTERNATIONAL 1997. All rights reserved. No part of this publication may be reproduced in any form or by any means, electronically, mechanically, by photocopying, recording or otherwise, without the prior permission of the copyright owners.

ISSN 0032-0803

The information contained herein, including any expression of opinion and any projection or forecast, has been obtained from or is based upon sources believed by us to be reliable but is not guaranteed as to accuracy or completeness. The information is supplied without obligation and on the understanding that any person who acts upon it or otherwise changes his/her position in reliance thereon does so entirely at his/her own risk.

printed by
Antony Rowe Ltd, Bumper's Farm, Chippenham, Wiltshire

Plant Breeding Abstracts

Contents

Volume 6

BREEDING (GENERAL AND THEORETICAL)	1	157	283	427	593	749	891	1053	1221	1361	1519	1657
Genetic resources	1	157	283	427	593	749	891	1053	1221	1361	1519	1657
Methods and mechanization	2	158	284	428	594	750	893	1054	1221	–	1520	1658
Breeders' rights and legislation	–	158	285	428	594	750	894	1054	1221	–	–	1659
Genotype environment interaction	3	159	–	–	–	–	894	–	1221	1362	1520	1659
Resistance breeding	4	159	285	428	594	750	895	1055	1222	1362	1520	1659
GENETICS (GENERAL AND THEORETICAL)	5	159	286	429	596	750	895	1057	1222	1363	1522	1661
Molecular genetics	5	159	287	429	597	750	896	1057	1223	1364	1522	1661
Arabidopsis genome	7	162	289	432	598	753	898	1058	1225	1366	1525	1663
Quantitative and population genetics	14	168	293	440	606	759	903	1065	1235	1371	1530	1669
Hybridization and mutation	15	–	293	442	–	–	904	–	1235	–	–	–
CYTOLOGY AND CYTOGENETICS	15	169	–	442	606	761	904	1066	1236	1373	1531	1670
REPRODUCTIVE BEHAVIOUR	15	169	294	442	607	761	904	1067	1236	1373	1531	1670
***IN VITRO* CULTURE**	–	170	294	444	608	761	904	1067	1237	1374	1532	1672
EVOLUTION AND BIOSYSTEMATICS	15	170	294	444	608	761	904	1067	1237	1374	1532	1672
CROPS (GENERAL)	16	171	295	445	608	762	905	1068	1237	1374	1533	1672
CEREALS	17	172	295	446	609	763	906	1068	1239	1375	1534	1675
Wheat (including *Aegilops*)	18	173	297	447	611	763	907	1070	1239	1377	1535	1676
Barley	29	179	307	457	622	772	918	1086	1249	1386	1545	1686
Oats	35	184	310	460	626	776	923	1092	1251	1390	1548	1688
Rye	35	185	311	461	627	776	923	1093	1252	1391	1548	1689
Triticale	35	–	311	–	627	777	923	1093	1252	1392	1549	1689
Maize (including *Tripsacum*)	35	186	311	465	628	777	938	1094	1252	1392	1549	1690
Sorghum	46	192	319	481	633	791	944	1100	1262	1406	1556	1695
Millets	47	193	320	484	635	794	948	1102	1264	1408	1558	1695
Rice	48	193	321	486	638	795	951	1103	1264	1408	1560	1697
Minor cereals and pseudocereals	57	198	328	495	650	805	959	1110	1270	–	1566	1704
FODDER PLANTS	58	199	329	496	650	806	960	1111	1270	1417	1567	1705
Grasses	58	199	329	497	651	806	961	1111	1271	1417	1567	1705
Lucerne	61	201	331	499	654	809	964	1116	1273	1420	1572	1708
Clovers	62	203	332	500	655	811	–	1117	1274	1421	1574	1709
Other fodder legumes	64	206	333	501	656	812	965	1118	1275	1423	1575	1709
GRAIN LEGUMES	65	208	334	502	658	813	967	1119	1277	1425	1576	1710
Soyabeans	66	208	335	503	658	813	968	1119	1277	1425	1576	1710
Faba beans	69	212	338	505	663	819	973	1125	1284	1430	1581	1713
Phaseolus	70	213	339	506	663	820	973	1125	1285	1431	1581	1714
Peas	71	215	340	509	666	822	974	1127	1286	1433	1583	1716

Lentils	73	216	341	512	–	824	975	1128	1288	1434	1584	1718
Chickpeas	73	216	341	512	667	824	976	1129	1288	1435	1584	1718
Pigeon peas	74	217	–	513	668	825	977	1130	1290	1436	1584	1719
Vigna	75	217	342	513	668	825	978	1131	1293	1437	1585	1720
Other grain legumes	76	219	343	514	670	–	979	1133	1294	1439	1587	1721
ROOT CROPS	76	219	343	514	670	826	979	1134	1294	1439	1587	1721
Potatoes	76	219	343	514	670	826	979	1134	1294	1439	1587	1721
Carrots	80	223	346	517	675	829	983	1138	1297	1443	1589	1724
Swedes and turnips	–	224	–	–	675	–	983	1139	1297	1443	–	–
Cassava	80	–	347	518	675	829	983	1139	1297	1443	1590	1725
Sweet potatoes	80	224	–	518	676	829	983	1139	1298	1444	1590	1725
Yams	–	225	–	519	676	829	984	1139	–	1445	1590	1726
Colocasia	–	–	–	–	–	–	984	–	1298	–	–	1726
Other root crops	80	225	348	520	676	829	984	1140	1298	1445	1591	1727
LEAFY VEGETABLES, BULBOUS VEGETABLES, STEM VEGETABLES	81	225	348	521	677	830	985	1140	1299	1446	1592	1727
Allium	81	225	348	521	677	830	985	1140	1299	1446	1592	1727
Brassica	83	226	350	521	678	831	987	1142	1299	1446	1593	1728
Spinach	84	231	352	522	680	832	990	–	1300	1448	–	–
Celery	–	–	–	–	680	–	991	–	1301	1448	–	–
Lettuces	84	–	353	523	–	–	991	1143	–	1448	1593	1729
Other leafy, bulbous and stem vegetables	84	231	353	523	680	832	991	1143	1301	1448	1593	1729
FRUIT VEGETABLES	85	232	354	525	684	833	992	1143	1301	1449	1594	1729
Tomatoes	85	232	354	525	684	834	992	1143	1301	1449	1594	1729
Aubergines	89	236	358	530	691	–	994	1146	1306	1452	–	1733
Capsicum	90	237	358	530	691	836	995	1146	1306	1452	1596	1733
Cucurbitaceae	91	238	361	531	692	837	996	1146	1306	1453	1596	1734
Other fruit vegetables	–	241	365	534	694	839	–	1148	1308	1454	–	1736
TEMPERATE FRUITS	92	242	366	534	694	839	998	1148	1308	1455	1598	1736
Pome fruits	93	242	366	534	694	839	998	1149	1308	1455	1598	1736
Stone fruits	95	243	367	538	695	840	1000	1150	1309	1458	1600	1737
Small fruits	104	243	368	540	698	842	1002	1153	1309	1460	1607	1738
Grapes	106	244	369	542	699	843	1003	1154	1311	1461	1608	1739
Other temperate fruits	107	245	370	543	699	843	1003	1155	1311	1462	1610	1741
TROPICAL AND SUBTROPICAL FRUITS	108	245	370	544	700	844	1004	1155	1313	1464	1611	1741
Bananas	108	246	370	544	700	844	1004	1155	1313	1464	1611	1741
Citrus fruits	108	246	371	545	701	845	1004	1156	1314	1466	1611	1742
Other tropical and subtropical fruits	109	246	372	546	702	845	1006	1156	1314	1467	1612	1743
NUT CROPS	110	247	373	547	703	846	1007	–	1316	1468	1612	1745
FATTY OIL PLANTS	111	248	374	548	704	847	1008	1159	1317	1469	1613	1746
Rape (including other oilseed brassicas and *Sinapis*)	111	248	374	548	704	847	1008	1159	1317	1469	1613	1746
Linseed	115	253	–	553	–	–	1015	1164	–	1471	–	–

Sunflowers	115	253	376	553	706	849	1015	1164	1320	1472	1617	1750
Safflower	–	255	–	–	707	–	1016	1165	–	–	–	1751
Oil palms	–	255	–	–	707	–	1016	–	–	1474	–	1751
Coconuts	–	256	–	554	–	850	–	–	–	1474	1618	1751
Olives	116	256	–	554	–	850	1017	–	1321	1474	1619	1752
Groundnuts	117	256	377	555	707	850	1017	1166	1321	1475	1620	1753
Castor beans	–	–	–	556	707	–	1019	–	1322	–	–	1754
Sesame	117	257	379	556	708	854	1019	1167	–	1476	–	1754
Other fatty oil plants	118	257	–	556	708	855	1019	1167	1323	1476	1621	1755
SUGAR CROPS	118	257	379	557	710	855	1020	1167	1323	1477	1622	1755
Sugarcane	118	257	379	557	710	855	1020	1167	1323	1477	1622	1755
Sugarbeet	120	258	382	558	711	856	1022	1174	1324	1478	1624	1757
Other sugar crops	–	–	–	559	–	856	1022	–	–	–	–	–
STIMULANT PLANTS	121	259	384	559	713	856	1023	1176	1325	1479	1624	1757
Tea	121	259	384	559	713	856	1023	1176	1325	–	1624	1757
Coffee	121	259	385	559	713	857	1023	–	–	1479	1625	1758
Cocoa	122	–	385	–	713	857	–	1176	1325	1479	1625	1758
Tobacco	122	260	385	560	713	857	1024	1176	1325	1480	1626	1758
Other stimulant plants	–	–	389	–	–	–	–	–	–	–	1630	1763
FIBRE PLANTS	127	263	390	564	717	861	1028	1180	1334	1483	1630	1763
Cotton	127	263	390	564	717	861	1028	1180	1334	1483	1630	1763
Flax	–	–	–	566	718	863	–	–	1335	1485	1631	1764
Jute	–	264	396	566	718	–	1031	1187	1336	1485	–	1764
Sisal	–	–	–	–	–	–	1031	–	–	–	–	–
Other fibre plants	129	264	396	567	718	863	1031	1187	1336	1486	1632	1764
RUBBER PLANTS	129	–	397	567	719	863	–	1187	1336	1486	1632	1765
FOREST TREES	130	265	398	567	720	864	1032	1191	1337	1486	1632	1765
Broadleaves	130	265	399	568	720	864	1032	1191	1337	1487	1633	1766
Conifers	134	267	403	572	725	867	1036	1193	1339	1494	1638	1772
ORNAMENTAL PLANTS	142	269	408	575	728	871	1038	1195	1340	1501	1643	1775
Ornamental woody plants	142	269	409	575	728	871	1038	1195	1340	1502	1643	1775
Lawns and turf	–	–	413	578	732	875	1040	1197	1342	1504	1644	–
Herbaceous plants	144	272	414	579	732	876	1040	1197	1342	1504	1644	1781
Ornamental bulbs	147	275	417	582	736	879	1042	1200	1346	1506	1646	1785
Orchidaceae	149	276	420	584	738	881	1044	1203	1347	1508	1648	1786
Foliage and succulent plants	149	276	421	584	739	882	1044	1204	1348	1509	1649	1786
Ornamental aquatic plants	150	–	–	–	–	883	–	–	–	–	–	–
MISCELLANEOUS CROPS	150	277	421	584	740	884	1045	1205	1348	1509	1650	1786
Medicinal plants	150	277	421	584	740	884	1045	1205	1348	1509	1650	1786
Pesticidal plants	152	–	423	–	742	886	1047	–	–	–	1651	–
Spice plants	152	279	423	–	742	886	1047	1207	1350	1511	1651	1788
Culinary herbs	152	279	423	586	742	886	1047	1207	1351	1512	1651	1788
Essential oil plants	153	279	–	587	742	–	1048	1207	1351	1513	1652	1789

Industrial crops	–	–	–	–	743	–	1049	1208	–	–	1652	1790
Hops	153	–	424	588	–	887	1049	–	–	1513	1652	–
Bamboos	–	280	424	589	–	887	1049	–	1352	1513	1653	1790
Other miscellaneous crops	–	–	–	589	–	–	1049	–	–	–	–	1790
EDIBLE FUNGI	153	280	424	589	743	887	1049	1208	1352	1514	1653	1790
PTERIDOPHYTA, BRYOPHYTA, ALGAE, LICHENS	154	280	–	589	744	–	–	1209	–	–	–	–
REPORTS	154	281	425	589	–	888	–	1209	–	1515	1653	–
CONFERENCES	155	281	425	589	744	888	1050	1210	1353	1515	1653	1790
BOOKS	155	282	425	590	745	888	1051	1211	1353	1516	1654	1791

AUTHOR INDEX 1793

SUBJECT INDEX 1885

List of source journals i

Review Articles

Tailoring the plant type in pulse crops
by D.P. Singh 1213

Breeding for potato production from true seed
by Rodomiro Ortiz 1355

EDITORIAL POLICY

Plant Breeding Abstracts is an abstract journal produced by the CAB INTERNATIONAL Information Institute (CABI-II). CABI-II's central function is the compilation of the CAB ABSTRACTS and CAB HEALTH bibliographic databases. CABI-II aims to achieve growth of its programme through new projects, often in collaboration with other organizations and backed by external funding, for the benefit of the international community.

Plant Breeding Abstracts is derived from the CAB ABSTRACTS database which covers the significant research and development literature in the fields of agriculture, forestry, aspects of human health, human nutrition, animal and veterinary science and the management and conservation of natural resources.

The CAB ABSTRACTS editorial policy is to:

- scan all relevant literature
- record comprehensively the most relevant and scientifically significant material
- record all bibliographic details accurately
- prepare informative, fact-filled abstracts for all items reporting new findings or reviewing original research
- write the abstracts in clear, concise, unambiguous English with consistent usage of terms and abbreviations
- index all important concepts within each record with the most appropriate terms selected from the CAB Thesaurus, CABI's controlled vocabulary.

This policy relies on the expertise of CAB INTERNATIONAL's 90 professional subject specialists and linguists who translate and summarise the international scientific literature in the subject.

Department of Plant Sciences and Natural Resources

Head: S.L.A. Hobbs DPhil

Quality Manager: P. Wightman BSc

Scientific Information Officers

Biotechnology	D.J. Hemming PhD, D.G. Massey BSc, J.M. Palmer MSc, K.A. Rowlett PhD
Field Crops	A.M. Doroszenko PhD, R.E. Austin MSc, J.C. Bulson BSc, A.K. Chudasama MAgSt MSc, R.E. Hill BSc, K.E. Langdon BSc MIL, D.M. Mitcham MSc, D. Simpson PhD, L.J. Wootten BSc
Forestry	G. Petrokofsky BSc, B. Biggs BSc, T.J. Green BSc, A. Handley PhD, R.E.H. Haynes DPhil, H.M. Porter BSc
Horticulture	A.J. Rendell-Dunn BSc MIHort, C.D. Aldridge PhD, S.E. Brooks MA, D.J. Cousins BSc CBiol MIBiol, A.C. Elliston BSc, J.M. Kisz BSc MIHort, R.M. Merryweather MSc, C. Parker BSc
Plant Breeding	A.M. Praciak BSc, B.F. Cooper PhD, H.J. Dawson PhD, D.E. Mitchell MSc, A.G. Pearson MSc
Plant Entomology and Weed Science	I.L. Tonnet PhD, E.D.L. Brooks PhD, S.C. Brown BA, D.S. Buckley PhD, B. Burger BSc, L.M. Ridout PhD, L. Thorn BSc
Plant Pathology and Nematology	J.A. Brunt MSc, V. M. Cottrell BSc, P.A. Farnell BSc, K. E. Hopkins BSc, L.A. Martyniuk MA MIL, S.F. Siddiqi BSc
Soils	L. Connor BSc DipInfSc MIInfSc, D. J. Eldridge BSc, B. Lascelles PhD, S. Stokes MSc, K. Whitaker BSc, G.P.R.Yeates DPhil

EDITORIAL POLICY

Plant Breeding Abstracts is an abstract journal produced by the CAB INTERNATIONAL Information Institute (CABI-II). CABI-II's central function is the compilation of the CAB ABSTRACTS and CAB HEALTH bibliographic databases. CABI-II aims to achieve growth of its programme through new projects, often in collaboration with other organizations and tailored bycentennial funding, for the benefit of the international community.

Plant Breeding Abstracts is derived from the CAB ABSTRACTS database which covers the applied aspects and development literature in the fields of agriculture, forestry, aspects of human health, human genetics, animal and veterinary science and the management and conservation of natural resources.

The CAB ABSTRACTS editorial policy is to:

- scan all relevant literature
- record comprehensively the most relevant and scientifically significant material
- record all bibliographic details accurately
- prepare informative, fact-filled abstracts for all items reporting new findings or reviewing original research
- write the abstracts in clear concise, unambiguous English with consistent usage of terms and abbreviations
- index all important concepts within each record with the most appropriate terms selected from the CAB Thesaurus, CAB's controlled vocabulary

This policy relies on the expertise of CAB INTERNATIONAL's 90 professional subject specialists and linguists who translate and summarize the international scientific literature in the subject.

Department of Plant Sciences and Natural Resources

Head: S.L.A. Hobbs DPhil

Quality Manager P. Wigginton BSc

Scientific Information Officers

Biotechnology D.J. Hemming PhD, D.C. Massey BSc, J.M. Palmer MSc, K.A. Rowlett PhD

Field Crops A.M. Donnenwirth PhD, R.E. Austin MSc, J.C. Bulson BSc, A.A. Chadwarra MAgSc MSc, R.E. Hill BSc, K.E. Langdon BSc Mill, D.M. Mitchen MSc, D. Simpson PhD, L.J. Wratten BSc

Forestry C. Fenoglio MSc, R. Biggs BSc, T.J. Owen BSc, A. Handley PhD, R.E.H. Havins DPhil, H.M. Porter BSc

Horticulture A.J. Randall Dunn BSc MBiol, C.D. Aldridge PhD, S.E. Brooks MA, D.J. Cousins BSc CBiol MBiol, A.C. Ellinton BSc, J.M. Kee BSc MBiol, R.M. Merryweather MSc, C. Parker BSc

Plant Breeding A.M. Pradel, BSc, B.E. Cooper PhD, H.J. Dawson PhD, D.E. Mitchell MSc, A.C. Pearson MSc

Plant Pathology and Weed Science I.T. Tezcal PhD, C.D.L. Brooke PhD, S.C. Brown BA, D.S. Buckley PhD, R. Bunge BSc, L.M. Illidant PhD, L. Thom BSc

Plant Pathology and Nematology J.A. Brunt MSc, V.M. Cotterill BSc, P.A. Parnell BSc, K.S. Hopkins BSc, L.A. Murphynuk MA Mill, S.P. Siddiqi BSc

Soils L. Connor BSc Diplnsc Millnsc, D.J. Eldridge BSc, B. Lascelles PhD, S. Stokes MSc, K. Whitelaw BSc, C.T.R. Wells DPhil

AUTHOR INDEX

A. J. Newport & Son Pty Ltd 4218
Aa, A. van der 10639
Aalen, R. B. 1324
Aarssen, L. W. 12, 1427
Aarts, M. G. M. 4392
Aasiya Khanum 11277
Abad, A. R. 2838
Abad, L. 3162, 11897
Abad, L. R. 2835
Abak, K. 2647, 5049, 6159, 10622
Abaldov, A. N. 7586
Abbas, A. M. 9775
Abbas, N. S. 7740
Abberton, M. T. 11505
Abbo, S. 119, 2137, 8121, 9105, 11242
Abbott, A. 12969
Abbott, A. G. 8479, 9678, 10788
Abbott, L. 3666
Abd-Alla, M. M. S. 7507
Abd-Mishani, C. 8562
Abdalla, A. W. H. 4610
Abdalla, O. 8000
Abdalla, O. S. 5604
Abdel-Aal, E. S. M. 3341
Abdel-Aziz, A. A. 8087
Abdel-Hameed, M. 6777-6778
Abdel-Latif, T. H. 170, 4521-4522
Abdel-Moeium, Z. S. 4610
Abdel-Rahman, A. G. 7322
Abdel-Razik, F. B. 8731
Abdel-Sabour, M. S. 6735-6736
Abdel-Shafi, A. A. 6735-6736
Abdishekur Wondimu 8072
Abdolmajid Rezai 7958
Abdul Wahid 11859
Abdulamonov, K. 205
Abdulkadir Elmi 10427
Abdurahman, J. 8072
Abe, H. 4894
Abe, J. 4528, 7878, 8675-8676, 9148, 10345
Abe, K. 1354, 1399, 2248, 12464
Abe, M. 1354, 2248
Abe, S. 8130
Abe, T. 2344, 4936, 7046, 11429
Abe, Y. 12994
Abecassis, J. 6740
Abedinia, M. 8142
Abedon, B. G. 5785-5786
Abel, G. 1564
Abel, G. J. W. 4900
Abel, S. 2054
Abelard, P. 185
Aberdeen, I. 12422
Abernethy, D. J. 4985, 4992
Abidi, S. L. 3713
Abler, M. L. 3177
Ablov, S. 821
Aboagye, L. M. 7506
Aboel-Atta, A. I. 12201
Abou-El-Enain, M. M. 12201
Abou-Jawdah, Y. 619
Abou-Salha, A. 921
Abou-Zahra, S. I. S. 8736
AbouHaidar, M. G. 4924
Aboul-Eid, H. Z. 6306
Abraham, G. C. 7550
Abraham, M. J. 7025
Abrahams, S. 2398
Abrahamson, S. 2021
Abrams, S. R. 4124
Abreu, A. de F. B. 7168, 10454
Abreu, C. P. de 2730
Abreu Matos, F. J. de 4302
Abrol, Y. P. 578
Abromeit, M. 4513
Abu-Thredeih, J. 9408, 11541
Abu Warda, A. M. A. 5603
Abugalieva, S. I. 216
Abulafia, S. 2138
Acar, R. 11071
Acaster, M. A. 4098
Acciaresi, H. A. 8054
Accotto, G. P. 6338, 6465
Acebedo, M. M. 12755
Acedo, A. L., Jr. 1594, 3817
Aceto, S. 11041
Acharya, N. N. 3109
Açıkgöz, E. 7109
Açıkgöz, N. 4699, 8331, 8334, 11569
Ackerman, A. 6441
Ackerman, W. L. 12922
Ackerveken, G. van den 5057, 11138
Acland, D. 397
Acosta, J. 3724
Acosta-Dueñas, B. 1982
Acosta-Gallegos, J. A. 4857, 6048
Acreche, N. 7638
Acuña, H. 11481
Adachi, T. 341, 352, 600, 2423, 3583, 6000-6001, 7015, 8134, 8154, 9316, 10570
Adair, S. 8741
Adalsteins, A. E. 12280
Adam, E. 4110, 10862
Adam, G. 9955
Adam, S. 4250
Adam, Z. 5067, 5560
Adamczewska-Sowińska, K. 11630
Adames-Mora, C. 4866
Adamidis, T. 6827
Adamowski, W. 7705
Adams, C. C. 1271
Adams, G. W. 6405
Adams, H. 1471, 11867
Adams, M. D. 4379, 5535, 7770
Adams, M. J. 2228, 3392
Adams, R. P. 11122
Adams, W. T. 1139, 10980
Adamska, E. 5204
Adamski, T. 5684
Adang, M. J. 2438, 4053, 8610, 9050
Adarsh Bala 12516
Adballah, N. A. 921
Adcock, R. A. 5958
Addae-Mensah, I. 4314
Addis, P. B. 11454
Adelaja, B. A. 8519
Adema, F. 5307, 10520
Aderkas, P. von 2987
Adetimirin, V. O. 11371
Adham, Y. 12081
Adipala, E. 4887
Adkins, A. L. 6960
Adkins, S. W. 805, 5851, 6960, 6962, 7040, 7404, 12699
Adler, F. R. 10401
Adsule, R. N. 3466, 3483
Adu-Ampomah, Y. 12804
Aducci, P. 9922
Aedo, C. 1068
Aelst, A. C. van 11798
Afanador, L. 4865
Affourtit, C. 3754
Affre, L. 5426, 8865, 12011
Afgin, L. 7674
Afonin, N. M. 3494
Afonso, C. L. 7565
Afreh-Nuamah, K. 6212, 6220, 8519
Afsar, K. 67, 7563
Afshar-Sterle, S. 1305
Afza, R. 4779
Afzal, M. A. 9360
Afzal, S. M. 1561-1562
Ag-Seed Research Pty Ltd 820
Agadzhanyan, A. M. 601
Agafonov, A. F. 7260
Ağar, İ. T. 4023
Agarwal, P. K. 1745
Agarwal, R. K. 4719
Agbor, A. N. 8519
Ageeva, A. V. 5615
Aggarwal, P. K. 377
Aggarwal, R. K. 7021
Aggelis, A. 6155, 9576
Aghora, T. S. 8312-8313
Agneessens, R. 9329
Agnew, M. L. 2375
Agong, S. G. 10603
Agostini, D. 5478, 9901
Agrama, H. A. S. 1377, 2285, 4607
Agrawal, A. P. 12244
Agrawal, D. C. 10014
Agrawal, K. B. 5874
Agrawal, M. 5417
Agrawal, P. K. 8612
Agrawal, R. L. 9918
Agrawal, S. B. 2231, 3111
Ågren, J. 1974
Agriseeds Holdings Ltd. 4763-4764, 4766, 4768
Aguiar, M. 2303
Aguilera, A. 11370
Aguilera, V. 7163
Aguinagalde, I. 580
Agur, M. 6093
Agyare, F. D. 5545
Ahad, S. F. 9589
Aher, R. P. 8342, 9451-9452
Aher, V. B. 11395
Ahiekpor, E. K. S. 6212, 6220, 8519
Ahlawat, S. P. 2925
Ahmad, H. 9462
Ahmad, I. 1381
Ahmad, J. 4505
Ahmad, M. 1533, 1578, 2085, 2722, 4409, 6645, 7182, 8327, 12511
Ahmad, M. S. 12429
Ahmad, N. 944
Ahmad, S. 3322, 8120
Ahmad, W. 1578
Ahmad, Z. 7955, 7966, 9144
Ahmad Asri Hussin 8769
Ahmad Saleem 1668
Ahmadian, P. 1678
Ahmadová-Vavrousová, R. 3758
Åhman, I. 3166
Ahmed, A. 1572
Ahmed, E. A. 2633
Ahmed, I. 113, 7025
Ahmed, K. Z. 2192
Ahmed, M. A. 8630
Ahmed, N. 2606
Ahmed, R. 9498
Ahmed, S. 4155, 10326, 10478
Ahmed, S. A. 12397-12398
Ahmed, T. 12356
Ahmed, Z. 1546
Ahmed Amiri 6767
Ahn, B. O. 1820, 9685
Ahn, G. Y. 1943
Ahn, H. G. 5433
Ahn, I. O. 1993
Ahn, J. H. 1490
Ahn, S. D. 11996
Ahn, S. H. 4746
Ahn, S. N. 1403
Ahn, S. W. 332
Ahn, S. Y. 538
Ahn, Y. S. 9520
Ahn ByoungOg 1820, 9685
Ahn GwiYeon 1943
Ahn HyungGeun 5433
Ahn JiHoon 1490
Ahn SangDeuk 11996
Ahn SooYong 538
Ahn YoungSup 9520
Ahnert, D. 2294
Ahnert, V. 9582
Aho, S. 9163
Ahokas, H. 1339, 3292, 6198, 10358
Ahrens, K. 457
Ahroni, A. 6416
Ahsan, M. 2190
Ahsan, M. M. 9620
Ahti, T. 1945
Ahuja, K. L. 8582
Ahuja, M. R. 4159, 8786, 9787-9788, 10913, 11933, 11935, 12871, 13058
Ahuja, V. P. 6937
Ahumada, M. C. 568
Ai, S. A. 6690
Aida, M. 11179
Aida, R. 4288
Aiello, A. S. 11744
Aii, J. 9316
Aime, F. 12958
Aiming, Q. 12193
Aina, J. O. 5852
Ainouche, A. 2407
Ainsworth, C. 8571
Ainsworth, C. C. 4098, 12121
Ainur, I. 6700
Airi, S. 12036
Ait-Ali, T. 7177
Aitken, S. N. 2988
Aivalakis, G. 10076
Ajay Guar 7435
Ajay Kumar 8326
Ajay Parida 11946
Ajeet Singh 3872
Ajit Singh 8355
Ajlouni, M. M. 9507
Akagi, H. 3580, 4680, 4691, 7014, 9291
Akaike, M. 7832
Akama, K. 103, 3203
Akamigbo, F. O. R. 3821
Akasawa, A. 2916
Akashe, V. B. 9264
Akashi, T. 12033
Akazawa, T. 3601, 9387
Akbar, H. 157
Akbar, M. 5927
Akbari, A. 9102
Akça, Y. 681, 706, 717, 719
Akele, S. 8519
Åkerman, S. 10896
Åkesson, C. 887
Akhaury, S. B. 5667
Akhilesh Singh 625
Akhoury, S. B. 8354
Akhtar, A. S. 1538
Akhter, R. 590
Akihama, T. 795, 2717, 5145, 5147, 6223, 7412, 7414, 11678, 12680
Akilan, K. 10904
Akimoto, M. 4684
Akınerdem, F. 11071
Akintunde, A. Y. 11371
Akita, S. 5902, 12378
Akiyama, T. 7722
Akiyoshi, H. 2718
Akkermans, A. D. L. 5294
Akkök, F. 4018
Akram, M. 12393
Akridge, R. 11008
Akrimi, N. 6587
Aksenova, E. A. 6786
Aksenova, N. 8378
Aksenovich, A. V. 3376
Aksenovich, T. I. 2106
Aksoy, U. 722, 725, 1137
Aktaş, H. 10622
Akutsu, K. 11894
Al-Ajlouni, M. 9142
Al-Ajlouni, M. M. 12239

Al-Amiri, H. 5156
Al-Awad, D. 8876
Al-Babili, S. 3076
Al-Bakkur, H. 5045
Al-Hakimi, A. 4491
Al-Hooti, S. 5156
Al-Kaff, N. S. 6104
Al-Karaki, G. N. 11567
Al-Khayri, J. M. 5912
Al-Mana, H. A. 12261
Al-Mazrooei, S. 560, 11613
Al-Otaibi, J. 5156
Al-Rabighi, S. M. S. 2593
Al-Saleh, M. A. 2616
Al-Shahwan, I. M. 2616
Al-Shehbaz, I. A. 9990, 11188
Al-Suliman, A. I. 3902
Al-Zeir, K. A. 3902
Aladjadjian, A. 12487
Alagarswamy, G. 9
Alagiapillai, O. A. 10751
Alam, B. 4077
Alam, S. 4153, 12620
Alami, I. 12091
Alanis Guzmán, M. G. 10276
Alarcón C., D. 3496
Alary, R. 10107
Alatortseva, T. A. 10194
Albà, M. M. 4360
Alba, R. M. 10600
Alban, C. 6675
Albani, D. 1764, 6708, 7442
Albarrán, R. 4754
Albers, F. 3025, 11004
Albert, H. 8644, 8647
Albert, J. 11130
Albert, S. 5555, 8974
Albert, V. A. 7672
Alberti, I. 4535
Albertsen, M. C. 5751-5752
Albi, T. 6260
Albouy, J. 7302
Albrecht, J. C. 12215
Albrecht, U. 998
Albrechtsen, M. 7233
Albrechtsen, R. S. 4465
Albuquerque, M. M. 143
Alburquerque, N. 5188
Albury, M. S. 3754
Albus, U. 4847
Alcalá Rodríguez, M. E. 11916
Alcañiz, E. 3946
Alcántara, J. M. 10804
Alcántara, S. 2591
Alcaraz, C. F. 3895
Aldemita, R. R. 337
Alderson, P. G. 11930
Aldiab, M. A. G. 7340
Aldon, D. 1241, 3462
Aldwinckle, H. 3925
Aldwinkle, H. S. 10657
Aleem, M. M. A. 3301
Aleksandrova, T. G. 440
Alekseev, A. A. 3099
Alekseev, V. V. 7547
Alemán, L. 6302
Alemanno, L. 897, 5234
Alemayehu, F. 6772, 8009
Alencar, A. R. de 10816-10818
Alencar, J. W. 4302
Alessandri, S. 1740, 11830
Alewijnse, D. 7945
Alexander, D. 1545
Alexander, D. E. 8096
Alexander, J. H., III 1920
Alexander, K. C. 881, 11860
Alexandersson, R. 1974
Alexandre, A. D. 10450
Alexciev, K. 9441
Alexeyev, M. E. 5878
Alfano, J. R. 85
Alfaro, R. I. 2981-2982, 8801, 12906
Alfonso, M. 9422
Algan, G. 8234
Ali, A. M. A. S. 3301
Ali, B. 138
Ali, J. 7025
Ali, M. 12574
Ali, M. A. 4505
Ali, M. S. 18-19
Ali, S. 1668, 1815
Ali, S. A. 1118
Ali, S. S. 3610
Ali, Z. 9589
Ali-Khan, S. T. 530-531, 7222, 7235
Alia 11190
Aliaga Morell, J. R. 2666
Alibert, G. 4058, 4062, 7397, 7494, 11817
Alice, L. A. 9595
Alika, J. E. 5820
Alikhodzhaeva, S. S. 1872
Alink, G. M. 3884
Alipieva, M. 7295
Alishah, O. 6346
Aliyev, R. T. 6924
Alizadeh, A. 171
All, J. N. 2438, 4053, 9050
Allah Rang 5846
Allainguillaume, J. 4906
Allan, A. 1459
Allan, A. C. 1107
Allan, P. 9653
Allan, R. E. 7953
Allaoui, M. 8532
Allard, R. W. 1260
Allard, S. 4027
Allavena, A. 4255, 6465
Allegra, D. 5788
Allegro, G. 2945
Allemann, J. 3855
Allen, D. J. 3740
Allen, G. C. 1850, 11164
Allen, J. O. 1370
Allen, K. D. 3866
Allen, P. C. 2617
Allen, P. V. 3787, 6082
Allen, R. 10151
Allen, R. D. 12127
Allen, S. 1946
Allender, E. B. 4163
Allerit, R. 7070
Alliotte, T. 12435
Allison, J. C. H. 4981
Allison, L. A. 11882
Allison, R. F. 12824
Allona, I. 5166
Allred, K. W. 12433
Allsopp, P. G. 8670
Almeida, E. C. de 10569
Almeida, E. R. de 9686, 12409
Almeida, F. A. G. 5474
Almeida, F. C. G. 5474
Almeida, J. L. 5474
Almeida, L. D'A. de 7032
Almeida-Dominguez, H. D. 4609
Almeida Engler, J. de 50, 1643, 7810
Almela, L. 10701
Almgren, I. 8038
Almirall, A. 2274
Aloisi, S. 12971
Alonso-Blanco, C. 3404, 9340, 11182
Alpaslan, M. 4512
Alpat'ev, V. N. 322
Alpert, K. B. 6141
Alpi, A. 10206
Alquier, G. 10381
Alscher, R. G. 11134
Alspach, P. A. 3919, 3940
Alstad, D. N. 24
Alston, F. H. 3933, 7362, 12645
Alström-Rapaport, C. 7628
Alsuhaibani, A. M. 4538
Altabe, S. G. 120
Altabella, T. 6801, 9030, 11204, 12104
Altaf-ur-Rehman Rao 11859
Altamura, M. M. 6329, 9716
Altınbaş, M. 2162
Altman, A. 6396, 8594, 9786, 12853, 12855
Altmann, T. 68
Altpeter, F. 148, 5611
Altukhov, Y. P. 988
Altvorst, A. C. van 1064, 6464
Altwasser, M. 11218
Aluko, G. K. 8144
Alum, Prince N. 1719
Alvarado A., R. 5881
Alvarenga, A. de P. 2826
Alvarenga, C. G. 5268
Alvarez, A. 1350, 5700
Alvarez, A. M. 341, 8154
Alvarez, E. 3404
Alvarez, G. 12163
Alvarez, I. 9241
Alvarez, J. B. 6687, 12210
Álvarez, J. M. 7334
Alvarez, M. 2562, 2784, 6132
Alvarez, M. del P. 3533
Alvarez, M. P. 3429
Alvarez, R. 7525, 7527
Alvarez-Buylla, E. R. 2957, 3283
Alvernaz, J. 6032, 11546, 12349
Alves, E. 3412
Alves, É. J. 9625
Alves, M. C. 7995, 8005, 9380
Alvi, A. W. 1559, 1562, 1574
Aly, M. A. 5149
Alza, J. O. 11819
Alzate-Marin, A. L. 7123
Amado, L. 6833
Amaducci, M. T. 2815, 10890
Amaducci, S. 2815
Amalraj, V. A. 3124
Åman, P. 212
Aman, R. A. 12117
Amandeep 11801
Amar, F. B. 11234
Amaral, L. 11825
Amaregouda, A. 6266
Amarger, V. 5203
Amarnath, S. 1847
Amarowicz, R. 3761, 12505
Amasino, R. 6652
Amasino, R. M. 2097, 8970
Amatya, S. M. 10715
Amaya, A. 11857
Amaya, A. T. 2630
Ambekar, S. S. 1540
Amberská, M. 6558
Ambrose, B. A. 3465
Ambrose, M. 2015, 6060, 12503
Ambrose, M. J. 3749
Amézquita, M. C. 9312
Amicucci, A. 5478, 9901
Amigo G., C. 5881
Amimoto, K. 12590
Amin, A. H. 6208
Amir, R. 9975
Amiri, A. 6767
Amit Setya 3198
Amitava Paul 9479
Amitava Roy 9673
Amitha, K. 11579
Amler, P. 2135-2136
Amma, C. S. E. 10555, 12562
Amma, S. P. 7405
Amol Gupta 12407
Amor, M. A. 9167
Amor, M. B. 4370
Amore, T. D. 9859
Amoresano, A. 9902
Amos, W. 1142
Ampilogova, L. F. 5693
Amrhein, N. 591, 1650, 2084
Amrish Vaid 12509
Amrithadevarathinam, A. 3561
Amstel, T. N. M. van 1860
Amund, O. O. 11627
Amurrio, J. M. 2456
Amyard, G. C. 10755
An, G. 2494
An, G. H. 5237, 7582, 10653, 11670
An, K. S. 5237
An, L. J. 2405
An, L. M. 9841
An, L. S. 374
An, Y. C. 1627
An, Y. Q. 3197, 5538, 7821
An, Z. G. 4100
An, Z. Q. 1597, 2512
An GynHeung 5237, 7582, 10653, 11670
An KyungSook 5237
An LiJia 2405
An LiMin 9841
An LinSheng 374
An YangChu 1627
An YongQiang 3197, 5538, 7821
An ZhenQin 1597, 2512
An ZhiGang 4100
Anaç, D. 722
Anagnostopoulos, A. 9062
Anagnostou, K. 12630
Anai, T. 3215, 10290, 12051
Anais, G. 613, 5034
Anamthawat-Jónsson, K. 6711, 8206
Anan, T. 2607, 5020
Anand, N. 1676, 9574-9575
Anand, S. C. 474
Ananiev, E. V. 9189
Ananvoranich, S. 11014
Ancheta, O. 1835
Ancora, G. 12893
Ancos, B. de 6227
Andalò, G. 728
Anđelković, M. 2804
Anđelković, V. 10209
Anders, M. M. 450
Andersen, A. 4579, 5694
Andersen, B. 1770, 6242
Andersen, J. J. 10416, 10436
Andersen, L. 12964
Andersen, O. 5688, 11788
Andersen, R. L. 7369
Andersen, S. B. 6468, 6738, 11468
Andersen, W. R. 2780, 6617
Andersen-Bagge, J. 10704
Anderson, D. M. 930, 2867, 4148, 10883
Anderson, E. J. 5912
Anderson, G. J. 6229
Anderson, H. M. 6561
Anderson, J. A. 4532
Anderson, J. A. D. 9499, 12541
Anderson, J. B. 3134
Anderson, J. K. 7521-7522
Anderson, J. L. 9692
Anderson, J. M. 9014, 9729
Anderson, L. K. 11035
Anderson, M. 11135
Anderson, M. L. 11124
Anderson, O. 2139
Anderson, O. D. 147, 4502, 12116, 12218-12219
Anderson, P. A. 808, 9774
Anderson, R. E. 11082
Anderson, R. L. 11808, 12058, 12166
Anderson, R. M. 3553
Anderson, W. F. 7511, 8610
Anderson, W. K. 6746
Andersson, B. 2021, 5560
Andersson, C. R. 9354
Andersson, R. 212, 8396
Andersson, S. 12445
Ando, A. 7415, 8166
Ando, I. 5934
Ando, T. 5414, 12959
Ando, Y. 11542
Andow, D. A. 24
Andrade, F. P. de 10816-10818, 10867
Andrade, G. M. de 7619
Andrade, H. B. 11924
Andrade, J. M. V. de 12215
Andrade, L. R. M. de 9145, 11276, 11278
Andrade, P. J. M. 308
Andralojc, P. J. 6326
Andre, C. 1489, 8257
André, P. 5322, 12902
Andreev, L. N. 6584, 7998
Andreeva, E. N. 10605
Andrei, E. 845, 851
Andres, A. 10142
Andrew, R. A. 6422
Andrews, C. J. 11362-11363, 12333
Andrews, D. J. 1386
Andrews, J. A. 7126
Andrews, J. L. 2237
Andrews, L. 4227

Andrews, S. 12912
Andrianov, V. 4431
Andrianov, V. M. 5247
Andriyash, N. V. 322
Androulakis, I. 8531
Andrzejewski, R. 2597
Angel, A. M. B. 11153
Angel, F. 2509, 12561
Angeles, E. R. 8136, 12405
Angelini, R. 10474
Angell, S. M. 11898
Angelo, P. C. da S. 281
Angelov, I. 5806, 6140, 6151
Angelov, K. 234
Angenent, G. C. 1064, 6417, 6682, 9849
Angenon, G. 4377, 4852
Angers, P. 5466
Anglès, M. 6185
Angrish, R. 218
Anikster, Y. 7885
Anil Grover 11442
Anil Sindhu 508
Anil Sirohi 1834
Anilkumar, T. B. 7202, 10507
Animesh Sinha 9238
Anioł, A. 1348, 3420, 6893
Anisimov, B. V. 7213
Anisimova, I. N. 852, 6257
Anitha, N. 2711, 6294
Anjaneyulu, K. 8439
Ankaiah, R. 9224, 9263
Annala, M. L. 10962
Annan, I. B. 11583
Annapurna, A. 3545
Annicchiarico, P. 3298, 7877, 7975, 9351, 9932, 10382, 11229
Annigeri, B. S. 7190
Añon, M. C. 2240
Ansanelli, C. 11660
Ansar, M. 1538
Anselmi, N. 10921
Anshu Rahal 10328
Ansingakar, A. S. 3917
Antcliff, A. 4335
Antelo, L. 11543
Anthony, F. 7555
Anthony, P. 6099
Anthony, R. G. 266, 2074
Anthony, W. S. 2889
Anthura BV 12972
Antoine, A. F. 3462
Antoine-Michard, S. 12315
Antonaroli, R. 814
Antonelli, M. 3958
Antonio, B. A. 348, 2315, 12368
Antonov, A. 100
Antonova, G. 6121
Antonyuk, M. Z. 6709
Antosiewicz, D. M. 5549
Anttila, H. 3411
Antunes, A. M. 6891, 6894
Anunciação Filho, C. J. da 4011, 8538
Anuradha Varier 4140
Anuratha, C. S. 11946
Anwar, R. 1571, 4916
Anyim, C. 10820
Anzidei, M. 1996, 8925
Ao, G. M. 4903
Ao GuangMing 4903
Aoki, C. 5900
Aoki, H. 344
Aoki, M. 12123
Aoki, N. 341, 3583, 7015, 8134, 8154
Aoki, T. 12033
Aotsuka, S. 8728
Aoyama, T. 6620
Ap Rees, T. 3788, 3799
Aparicio, A. 11987
Aparicio, R. 6261
Apedaile, L. 1030
Apel, K. 1175, 9049
Apel, P. 7481
Apelbaum-Elkaher, I. 6793
Apisittivanich, S. 5894, 12392
Apisitwanich, S. 2346, 2355
Apolinarska, B. 6813, 6848, 6895, 10135
Apollonio, G. 8901
Apostol, J. 11707, 11717, 11720, 11735
Apostolakos, P. 3314
Apostolides, Z. 6308
Apostolo, N. 5208-5209
Apostolos, G. 11900
Apoteker, A. 5711
Appadurai, R. 11379
Appels, R. 7875
Appleford, N. E. J. 12234
Appleton, M. R. 8872-8873
Apti, R. 8703
Aqeel, M. 108
Aquino, M. J. 589, 3068
Aracri, B. 12094
Aradhita Baramanray 4007
Aradhya, M. K. 4009, 10753, 10938
Aragão, F. 12409
Aragão, F. J. L. 3726, 9686, 11552
Aragoncillo, C. 5166
Arai, S. 1354, 1399, 2248
Arain, C. R. 7985
Arakawa, O. 10659
Arakawa, T. 11595
Araki, H. 3600, 4990, 5923-5924, 8130
Arama, P. F. 5648
Arantes, E. M. 10879
Araújo, F. F. de 4858
Araújo, G. A. de A. 1519
Araújo, J. A. 5280
Araújo, J. M. de 3840
Araújo, M. R. A. de 4808
Araujo, P. G. 9208
Araújo, S. M. C. de 3531
Araus, J. L. 9171, 11313
Aravanopoulos, F. A. 7629
Aravindhan, S. 6075, 12525
Araya, A. 118, 2839
Arbinger, B. 8074
Arboriculture Fruitière 2672, 2729, 6186, 9598, 9600
Arcade, A. 4210, 12908
Archambault, D. J. 9146, 9150
Archer, C. 1975
Archer, E. K. 2843
Archer, R. H. 1975
Archetti, R. 7895, 7907
Arcilla P., M. I. 9631
Arcioni, S. 1442, 2396, 3648, 12186
Ardiarini, N. R. 10564
Ardizzone, F. 7004
Arduino, P. 1092
Arelli, A. P. R. 10423, 10438-10439, 12476
Arencibia, A. 12790
Arene, O. B. 8519
Arens, P. 5004, 5006, 7311
Areses, M. 6060
Argent, G. 4336, 5355
Argillier, O. 1372, 5814, 10234
Argote C., J. 3523
Argüello-Astorga, G. R. 5521
Arias, C. A. A. 8287
Arias, D. M. 12742
Arias, E. 8524, 8960
Arias, F. J. Z. 5214
Arif, M. 4685
Ariffin, D. 12747
Arifin, N. S. 2524
Arihara, A. 4922
Arioli, T. 6619, 8233
Arisi, A. C. M. 12873
Arista, M. 2725, 10976
Arisumi, K. 566, 6430
Ariyanayagam, R. P. 10505, 10508, 12526
Ariyarathne, H. M. 3739, 10462
Ariyaratne, H. P. 9485
Ariyaratne, I. 3897
Arjunan, G. 6994, 7197, 10500
Armada, J. 12966
Armstead, I. 11486
Armstrong, C. L. 5518
Armstrong, G. A. 9305
Armstrong, T. A. 6353
Arnaud, P. 4031
Arnaud-Santana, E. 3739, 10460, 10462
Arnim, A. G. von 7840, 12136
Arnim, A. von 1201
Arnison, P. G. 4040-4041
Arnold, G. M. 8105, 10927, 11249
Arnold, J. 93
Arnold, M. L. 4276, 6490-6491
Arnold, N. P. 8819
Arnold, R. J. 4163
Arnold, S. von 2974, 5321, 9802
Arntz, C. 9877
Arntzen, C. 3194
Arntzen, C. J. 2490
Arokiaraj, P. 6361, 8760
Aron, Y. 7183
Aronen, T. S. 1900, 2970
Arora, K. 11355
Arora, N. 7289
Arora, R. 3960, 6289, 12852
Arora, R. K. 1744
Arora, R. N. 8235, 10771
Arora, S. K. 640, 1679, 2613, 10626, 10636-10637, 11386, 12619
Arpaia, S. 12616
Arredondo-Peter, R. 11578
Arreola, J. 3424-3425
Arriel, N. H. C. 10816-10818
Arriola, P. E. 1383
Arroyo, J. 5424
Arruda, P. 2253, 11360
Arshad, M. 4875
Arshad, Y. 6737
Arshi, Y. 9682
Artelt, B. 2554, 4976, 10587
Arthur, A. E. 3688, 10769
Arthur, J. A. 1169
Arthur, L. 12349
Arthur-Smith, A. 2915
Artlip, T. 5112
Artlip, T. S. 6197
Artsaenko, O. 2105, 11889
Arturi, M. J. 3468
Artus, N. N. 3244
Arulmozhiyan, R. 1994
Arumugam, S. 8065
Arumugampillai, M. 10320
Arumuganathan, K. 260, 9272, 11228
Arun Khire 3121
Arunachalam, V. 7466
Arundhati, A. 9060
Arvind Kumar 3584, 12406
Arvind Misra 5216
Arya, A. S. 6593
Arya, K. R. 4054
Arya, P. S. 8423, 8464
Aryana, K. J. 12351
Arzani, A. 6861-6862, 6874
Arzate-Fernández, A. M. 12018
Asaad, F. A. 6777-6778
Asadu, C. L. A. 3821
Asakawa, S. 9311
Asakura, N. 6476, 7927, 12223
Asakura, T. 1399
Asano, S. 5194, 5221
Asano, Y. 4246
Asanuma, K. 4912
Asay, K. H. 3662, 7085
Ascenzi, R. 12153
Asemota, H. N. 4939
Asemota, O. 8228
Asensio, C. 12495
Asghar, K. A. 1560, 1563, 1573
Asghar, M. 8132
Ashapkin, V. V. 59
Ashari, S. 10564
Ashburner, G. R. 11823
Asher, C. J. 7247
Asher, M. 2819
Ashikari, T. 1951
Ashikawa, I. 348, 9287
Ashiq Hussain 282, 317
Ashish Kalra 2523
Ashley, D. A. 1499, 2432, 3709, 6032, 7142, 9385, 11546
Ashley, M. V. 2933
Ashlock, L. O. 7155
Ashman, T. L. 101
Ashok Kumar 218, 5300
Ashraf, M. 6749, 7490, 10796, 11277, 12393
Ashraf, M. Y. 134, 4520, 6757
Ashton, A. R. 9833
Ashwani Pareek 11437, 11442
Ashwath, C. 13003
Asian Vegetable Research and Development Center 12456
Asiedu, R. 6102
Asíns, M. J. 1662, 4002, 7420, 12609
Asir, R. 8065
Askew, J. E. 7155
Aşkin, A. 717
Aşkin, M. A. 681-682
Askri, F. 3986
Aslam, M. 1668, 1815
Aslam, S. S. 1538
Asmarani, A. 6275
Asmus, G. L. 308
Asmussen, M. A. 4434
Aso, E. 3430
Asomaning, W. A. 4314
Assaad, F. F. 4401
Assad-Garcia, N. 7305
Assadi, M. 5961, 10691
Assaf, R. 8510
Assmann, S. M. 11332
Asthana, A. N. 10394, 12451
Asthana, N. 2295, 11378, 11380
Asthana, O. P. 2295, 11378, 11380
Astier, C. 1429, 1432
Astiz Gassó, M. M. 10262
Astley, D. 1619, 1632, 2121, 8413
Aston, S. C. 1474
Åstot, C. 4122, 10858
Åström, B. 4178, 8788
Åström, H. 2841
Astwood, J. D. 4375
Aswath, C. 8858
Asyka, Yu. A. 2276
Ataga, C. D. 1816
Atale, S. B. 9101, 11252
Atan, S. 2917, 8763
Atanassov, A. 5009, 9348
Atanassova, B. 10598
Atanassova, B. Y. 6461
Atanassova, R. 2836
Athanasiadis, A. 7097
Athma, P. 293
Atiri, G. I. 2611, 9519
Atkins, S. 9819
Atkinson, B. G. 2283
Atkinson, H. J. 12157
Atkinson, M. M. 3716
Atkinson, R. G. 7400, 9619
Atlagić, J. 847, 10799
Atlin, G. 1268, 4801
Attanayaka, D. P. S. T. G. 9777
Attari, A. A. 9102
Attari, H. E. 3355
Atul Singh 4093
Atwal, S. S. 3324, 4044
Atwood, J. T. 3105
Atzmon, N. 9346
Atzorn, R. 3290, 3876
Aubert, D. 3201
Aubert, G. 8237
Aubert, S. 8793
Aubry, C. 9809
Audeon, C. 911
Audergon, J. M. 673, 684, 734, 737, 5098
Audran, J. C. 8876
Auer, C. A. 5563
Auer, D. 958
Auer, F. 11694
Auer, M. 11694
Aufhammer, W. 5950
Augustin, E. 8428
Augustin, S. 12880
Augustyniak, H. 12449

Aujla, K. K. 11815
Aujla, S. S. 11293, 12277
Aulakh, K. S. 4652
Aulakh, P. S. 4016
Aulicino, M. 10243
Aulicino, M. B. 3468, 10204
Aurilia, V. 9902
Aussenac, T. 2168, 7978
Austin, D. 5716
Austin, D. F. 2252, 2294
Austin, R. B. 4884
Austraflora Pty Ltd. 5335
Australia, CSIRO Division of Plant Industry 2868-2869, 3300
Australia, CSIRO Division of Tropical Crops and Pastures 4804-4805
Australia, CSIRO Tropical Agriculture 12427
Australia, Department of Conservation and Land Management, Western Australia 2930
Australia, Division of Tropical Agriculture 8346
Australia, New South Wales Agriculture 1267, 1556, 4786-4787
Australia, New South Wales Department of Agriculture 1455, 8241, 8553-8555
Australia, Northern Territory, Department of Primary Industries and Fisheries 6291
Australia, Queensland Department of Primary Industries 1047, 8216-8217, 8256
Australia, South Australian Department of Primary Industries 3673
Australia, Sugar Experiment Stations Board 8631-8638
Australia, Western Australia Department of Agriculture 7916-7918, 8049, 12216, 12281, 12296, 12298, 12447
Australian Wax Farms 6425-6428
Ausubel, F. M. 5571, 7844, 11193
Autran, J. C. 2176, 10061
Auxcilia, J. 1753
Avato, P. 2001
Avcıoğlu, R. 3677
Avdeyev, Y. I. 5003
Avdiushko, S. 6009
Aver'yanov, L. V. 5437
Averyanov, L. V. 6509
Aver'yanov, L. V. 6509, 9864, 11050
Avetisyan, T. V. 7998
Aviezer, K. 3308
Avigne, W. T. 248
Avila, G. 3518
Avila L., G. 3523, 4327-4328
Avinash Chandra 5915
Avise, J. C. 12181
Aviv, D. 9570
Aviva Patel 3991
Avni, A. 11895
Avramaniuc, M. 516
Avramov, M. L. 6205
Avramov, S. 4278
Avramova, Z. 3455, 4627, 10029
Avratovščuková, N. 2269
Awaad, H. A. 12242
Awaad, M. M. 8732, 8736
Awad, H. Y. 8732
Awai, K. 11530
Awamura, M. 11763
Awan, M. S. 1506
Awasthi, R. P. 330, 8098
Awtar Singh 1749
Axelos, M. 3229
Ayabe, S. 12033
Ayad, G. 12082
Ayad, W. G. 12071, 13056
Ayala, F. J. 5270
Ayala, H. 8540
Ayala Osuna, J. 3443, 3478
Ayanoğlu, H. 678, 689, 691
Ayaz, F. A. 11730
Aydin, G. 1069
Ayele, M. 3665, 4779
Ayerza, R. 5200, 5267-5268
Ayiecho, P. O. 3643
Ayliffe, M. 5836
Ayliffe, M. A. 9774
Ayodelé, M. 8519
Ayre, D. J. 4224
Ayres, J. F. 1451
Ayres, M. P. 2928
Ayres, N. M. 10292
Aytaç, Z. 10396
Ayub, R. 642, 4370, 7335
Ayub, R. A. 7397
Ayyamperumal, A. 1994, 8628
Azam, F. 6749
Azar, C. 8097
Azarenko, A. N. 1759, 11679
Azevedo, D. 2883
Azevedo, D. P. M. 391
Azevedo, M. D. 412
Azevedo, R. A. 5817
Azevedo, S. M. 3818
Azhakanandam, K. 12434
Aziz, N. 5256
Aziz, S. 1574
Azmi, A. 28
Azmi, A. R. 7985
Azpeitia Morales, A. 898
Azpiroz-Leehan, R. 6629
Azuma, M. 2850
Azuma, T. 1124, 4168
Azurdia, C. 8540
Azwar, R. 8753, 8772
Azzam, A. 6767
Azzam, S. 6767
Azzeddine Azzam 6767
Azzini, L. E. 1420, 7002, 7047
Baalbaki, R. 3120
Baalmann, E. 3844
Baameur, A. 5210
Baars, J. J. P. 11094
Baba, K. 5627
Babcock, C. S. 4434
Baber, S. 1572
Babinec, J. 5972
Babović, M. 654
Babu, K. N. 11075
Babu, P. C. S. 5945
Babu, P. P. P. 12345
Babu, R. 10144, 10269, 10519
Babu, R. C. 5921
Babu, V. R. 8163
Babylatha, A. K. 7405
Bacanamwo, M. 11532
Bačelis, K. 11912
Bach, T. J. 3823, 9037
Bacheler, J. S. 5260
Bachelier, J. 744
Bacher, A. 11339
Bacher, J. 12635, 12637
Bachmair, A. 8996
Bachman, M. S. 9413
Bachvarova, R. 35
Bacigálová, K. 222
Bacilieri, R. 6368
Backeljau, T. 10006
Backert, S. 396, 4753, 5951, 8187
Backes, G. 4565
Backhaus, R. A. 5275
Backiyarani, S. 2471, 12524
Badaev, N. S. 5617
Badaeva, E. D. 1304, 3316, 4544, 5617
Badawy, O. M. 8087
Badea, E. M. 2392
Badel, J. L. 5994
Baden, C. 8035
Badenes, M. L. 12717
Badger, M. R. 9729
Badgero, D. 1946
Badhe, P. L. 1290
Badigannavar, A. M. 10792-10793
Badillo, A. 2600
Badiyala, S. D. 5117
Badoux, S. 3284
Badr, A. 12201
Bae, J. M. 7244
Bae, Y. S. 12564
Baek, I. Y. 8266, 9374
Baek InYoul 8266, 9374
Baena G., D. 4730
Baenziger, P. S. 7967
Baenziger, S. 150
Baeta, J. 6885
Baets, A. E. G. de 6863
Báez, E. 8960, 9071, 9640
Băga, M. 6701
Bagatta, M. 8367, 11606
Baggio, C. 8809
Bagi, G. 11595
Baginsky, S. 10780
Bagnall, D. J. 3224
Bagnara, G. L. 8477
Bagnoli, F. 5762
Bagulho, F. 6809, 6828, 6866
Bagyinka, T. 2155
Bahadur, P. 11299
Bahariev, D. 6121
Bahía Filho, A. F. C. 2280, 3498
Bahk, J. D. 8421, 11405, 12458
Bahk JeongDong 8421, 11405
Bahl, P. N. 11115
Bahnweg, G. 10699
Bahraei, S. 9111, 9134
Bahrman, N. 10906, 12897
Bai, D. 4600
Bai, D. L. 5876
Bai, D. P. 7712
Bai, F. 9109
Bai, J. Y. 12643
Bai, N. R. 4661
Bai, R. 12442
Bai, R. Z. 4469
Bai, S. J. 9274
Bai, W. J. 10675
Bai, Z. L. 12341
Bai DaPeng 7712
Bai DeLang 5876
Bai Feng 9109
Bai JiaoYu 12643
Bai Ru 12442
Bai WinJu 10675
Bai ZhiLiang 12341
Baía, G. S. 7123
Baiday, A. C. 4950
Baidu-Forson, J. 5860
Baier, A. C. 6689, 6822, 6824
Baig, M. S. 3544
Bailey, A. M. 7305
Bailey, C. H. 4341
Bailey, D. A. 7670, 8832
Bailey, J. A. 7795, 8105
Bailey, J. E. 7562
Bailey, K. J. 2371
Bailey, L. G. 8218, 8506
Bailey, M. 12310
Bailey, M. A. 1499, 2432, 3709, 7142
Bailey, P. C. 4263
Bailey, R. A. 12789
Bailey, S. E. R. 2203
Bailey-Serres, J. 3508
Bailly, A. 2989
Baiocchi, A. 7064
Baird, E. 8368, 10117, 11302, 11306
Baird, W. V. 8479
Baitullah 157
Bajaj, R. K. 11815
Bajaj, S. 5911
Bajaj, Y. P. S. 5502
Bajpai, G. C. 9475, 9479, 9484, 10475, 10494, 10496, 10499
Bajpai, S. 5461
Bajrang Singh 1883
Bajwa, M. S. 11317
Bajwa, R. 1538
Bak, S. 5845
Bakar, H. N. 8234
Baker, A. 9968
Baker, B. 2853, 4591, 6636, 8966, 11648
Baker, C. 7699-7700
Baker, C. M. 7497
Baker, D. A. 3671-3672
Baker, M. 7699-7700
Baker, P. 2953
Baker, R. J. 1257
Baker, S. S. 994
Bakheit, B. R. 2402
Bakhronov, A. 205, 10108
Bakhsh, A. 4875
Bakhshi, A. K. 1288
Bakhtiyarova, R. M. 1024, 4196
Bakken, A. K. 9328
Bakker, J. 12542
Bakó, L. 7097
Bakonyi, K. 7396
Bakonyi, L. 7396
Bakry, F. 10719
Bakshi, M. 11933
Bakshi Ram 7534, 8620, 12781
Bakulina, V. A. 102, 2115
Bal, S. S. 1680
Bala, A. 12516
Balabanlı, C. 8092
Balachandran, S. 11886
Balague, C. 7335
Balakhnina, V. P. 8045
Balakrishna, P. 1394, 11406
Balakrishna, P. S. 12700
Balakrishnan, A. 12352
Bălan, A. 6294
Bălan, V. 670, 713, 720, 729, 735
Balandin, T. 9738
Balázs, E. 925
Balcar, V. 2940
Balčiūnienė, L. 198, 3372, 11308-11309, 12293-12294
Balconi, C. 5824, 9196, 9247, 10172, 12314
Baldassari, N. 11681
Baldev, A. 11800
Baldev Singh 1868
Baldini, A. 4073, 12760
Baldini, M. 10795
Baldock, C. 6297
Baldursson, S. 4159
Baldwin, B. G. 9595
Baldwin, F. L. 5947
Baldwin, G. B. 8746
Balestrazzi, A. 10914
Balfourier, F. 1429, 1432, 11464
Bali, A. S. 5920, 5920
Balibrea, M. E. 609
Baligar, V. C. 164, 5642, 10074, 10332
Balis, C. 1130
Balk, J. 12501
Balkema-Boomstra, A. 8460
Balko, C. 4561
Balkov, I. Ya. 8677
Balkwill, K. 1250
Ball, J. M. 2490
Ball, K. L. 9439
Ball, T. 6125
Balla, I. 11729
Ballach, H. J. 11939
Ballard, H. E., Jr. 9843
Ballard, R. 12969
Ballard, R. E. 2995, 8479
Ballesteros, J. 6684, 6836
Ballington, J. R. 4342
Ballve, R. M. L. 7554
Balmas, V. 173, 10043
Balode, A. 3084
Balogh, Z. 12667
Balsamo, R. A. 6912, 7460
Balta, F. 681, 11685
Baltz, R. 2756
Baluška, F. 222
Balyan, H. S. 4382, 10510
Balzer, A. 4473
Balzer, H. J. 2573, 3326, 4473
Bamberg, J. B. 3800, 12537-12538
Ban, T. 10121
Banasikowska, E. 2283
Banba, H. 6000-6001
Bancroft, I. 9009
Bandino, G. 12753, 12763
Bandion, F. 11754
Bandopadhyay, S. 3080
Bandyopadhyay, A. K. 11428
Bandžiulienė, R. 1123, 3966

Banerjee, A. K. 9636
Banerjee, M. K. 3870-3871, 3871, 3875
Banerjee, N. 9756
Banerji, B. K. 1063, 6433, 6467, 8807
Bánfalvi, Z. 4928, 11602
Bang, S. W. 3836, 4940, 7250
Bang SangWoo 3836
Banga, S. 11791-11792, 12718
Banga, S. K. 8582, 11801
Banga, S. S. 11791-11792, 12718
Bangarusamy, U. 11384
Bangarwa, K. S. 8790
Bangur, R. 7976
Banič, V. 10409
Banik, B. R. 4493
Banik, M. 1323, 6780
Banisadr, R. 9220
Bank, F. H. van der 7714
Banks, F. M. 6326
Banks, S. W. 4145
Bannikova, V. P. 6714
Banno, H. 11166
Bannon, G. A. 858
Banowetz, G. M. 5625
Bansal, V. K. 8615, 10776
Banzatto, D. A. 7171
Banzatto, N. V. 1420
Bao, G. 9341
Bao, H. P. 2212
Bao, X. M. 12273
Bao, Z. J. 913
Bao HePing 2212
Bao XiaoMing 12273
Bao ZhiJuan 913
Bapat, V. A. 5470
Bar-Hen, A. 12308
Bar-Zur, A. 1358, 5816, 10258
Baradat, P. 991, 996, 1139, 10965
Barak, P. 11556
Barakat, A. 10026
Barakat, M. N. 170, 4521-4522
Baraldi, M. 2914
Baramanray, A. 4007
Baranger, A. 1769
Baranova, M. V. 3096
Barański, R. 8407
Baranyi, M. 1524
Barão, A. 6833
Barat, G. K. 7118
Barat, I. 7659
Baravelli, M. 7892, 7910, 8032
Barba, M. 1140
Barba de la Rosa, A. P. 2369
Barbados, West Indies Central Sugar Cane Breeding Station 12057
Barbagallo, M. G. 12705
Barbe, J. P. 12953
Barber, J. 2021
Barber, L. M. 3760
Barbera, A. C. 4846
Barberaki, M. 10076
Barbiani, G. 7891
Barbier-Brygoo, H. 909, 10007
Barbieri, L. 13005
Barbieri, M. E. 9999
Barbin, D. 2032
Barbosa, H. M. 2447, 8303
Barbosa, L. V. 2592, 6147
Barbosa, M. H. P. 10867
Barbosa-Neto, J. F. 4477
Barbotin, J. N. 2507-2508, 9516
Barbour, E. 9192, 12723
Barbour, M. 436
Barcaccia, G. 3189, 5974, 11494, 12414, 12437
Barcala, G. 10449
Barcala, N. 12486
Barceló, A. R. 782
Barceló, J. 9249
Barcelo, P. 3342
Barczak, A. J. 4416
Bardet, C. 7807
Bardon, J. C. 7576
Barfield, M. E. 2881
Bari, A. 1453
Bari, R. P. 7215
Bariana, H. S. 3320
Barik, K. C. 10889
Baril, C. 12184
Baril, C. P. 10898-10899
Bark, O. 8410
Barkan, A. 8073
Barker, H. 1579, 11123
Barker, J. H. A. 2060, 9078
Barker, K. R. 6026, 7343, 8459
Barker, N. P. 7715
Barker, P. J. 7104
Barker, S. J. 11321
Barker, W. R. 6439
Barkhouse, K. 4197
Barkworth, M. E. 8213
Barlow, B. A. 13047
Barlow, P. 4184
Barlow, P. W. 6561
Barloy, J. 10251
Barman, D. 12606
Barnabás, B. 11248
Barnaveta, E. 845, 851
Barnea, A. 3807
Barnes, D. K. 4790
Barnes, J. A. 12611
Barnes, J. D. 6060
Barnes, R. D. 5317
Barnes, S. A. 76, 4411
Barnett, J. P. 6401
Barnett, J. W. 8746
Barnola, P. 2939
Baron, C. 3173
Baron, F. 1634
Baron, I. 8510
Baron, V. S. 6857
Barone, A. 12097
Barone, E. 2733
Baronio, P. 11681
Barr, A. R. 11321
Barr, S. N. R. 4906
Barradas, C. I. N. 9645
Barradas, M. T. 6809
Barrault, G. 171, 3355
Barre, A. 6105, 7633, 9623-9624, 11765, 13005
Barré, N. 3104
Barre, P. 10703
Barreneche, T. 10906
Barret, P. 1769, 4028, 8564
Barret, Y. 2272
Barreto, C. C. 10452
Barreto, H. J. 277, 5825
Barreto, M. 11788
Barrett, C. J. 6438
Barrett, D. 7317
Barrett, H. C. 3997, 12668
Barrett, J. D. 10973
Barrett, S. C. H. 1102-1103, 5424, 9067
Barrière, Y. 1372, 5814, 7071, 10234
Barriga B., P. 2181-2182, 4507
Barringer, S. A. 4952
Barro, F. 109, 2129, 3342
Barros, B. I. 12632
Barros, E. G. de 2448, 7123, 7141
Barros, L. 12409
Barros, L. G. 391
Barros, L. M. G. 3726, 10452
Barroso, C. 5540
Barrow, J. R. 11457
Barry, C. S. 8432
Bart, S. 613
Barta, A. 5541
Bartels, C. 4244
Bartels, D. 4254, 4264, 4356, 12005
Barth, O. M. 1100
Barthlott, W. 10568
Barthou, H. 7494
Bartko, A. 12734
Bartley, B. G. D. 8683
Bartley, G. E. 4451
Bartling, D. 54, 7811
Bartling, S. 10541
Bartók, T. 2192
Bartolini, G. 11833
Bartolini, S. 696
Bartolomeo, N. G. di 4585
Bartolozzi, F. 728
Bartolucci, G. 2806, 2817
Barton, D. L. 11809
Barton, M. K. 3218, 11221
Barton, N. H. 9072
Bartoš, P. 174, 2194, 5652
Bartsch, D. 1841, 9702, 9705
Barua, P. K. 12639, 12731
Baruah, G. K. S. 12594
Baruah, R. K. S. M. 12357
Baruzzi, G. 5118
Barzdajn, W. 4201, 4205, 4208
Barzen, E. 8673, 9707
Barzic, M. R. 5114
Basak, S. L. 7609, 12842
Basandrai, A. K. 9254, 11285, 11290, 11292
Basavaraja, G. T. 11649
Basavaraja, P. 11403
Basave Gowda 8109
Bascur, G. 9431
Başer, K. H. C. 4308
Basford, K. E. 8, 11, 13-14, 160, 10254, 10809
Bashaw, E. C. 8224
Bashir, M. 1546, 4888
Baskaran, K. 13045-13046
Baskaran, P. 5198
Basnayake, J. 4630
Bass, H. W. 9225
Bassett, C. L. 6197
Bassett, H. 5081
Bassett, H. C. M. 3926
Bassett, M. J. 3731-3732, 10455, 10462, 12490, 12557
Bassham, D. C. 2078
Bassi, D. 674, 687, 728, 2673, 5095
Bassi, R. 10665
Bassiouny, A. H. 5603
Basso, C. M. 3524
Basso, E. V. 7904
Basso, M. 8387
Bassüner, B. 8692, 11995
Bastard, Y. 5132
Bastiaanssen, H. J. M. 1566, 3790
Bastien, J. C. 10979
Bastos, C. R. 7002, 7047
Bastos, C. S. 3840
Basu, A. 10075, 10342
Basu, D. 10342, 10716
Basu, M. S. 859
Basu, S. 12821
Basu, U. 3346, 10075
Basuki, N. 10564
Baswana, K. S. 3837
Baszczynski, C. 12310
Baszczynski, C. L. 9192, 12723
Bataillon, T. M. 1225
Batchelor, S. E. 7873
Batchvarova, R. B. 6461
Bate, N. 594
Bate, N. J. 9732, 10584
Bateman, A. J. 11471-11472
Bateman, R. M. 13016
Bates, G. W. 914
Bates, M. 2894, 2904, 8743
Bates, R. J. 4287
Bateson, M. F. 5153
Batey, I. L. 7976, 11270
Batič, F. 9058
Batista, A. R. 3959
Batlle, I. 4019, 4022, 4025
Batova, S. N. 7998
Batschauer, A. 596, 5554
Batta, R. K. 6864, 11456
Battey, N. H. 5705
Battistin, A. 8219
Battistutta, F. 11078
Batygina, T. B. 8899
Batzios, D. P. 11129
Baucher, M. 9789, 10918, 12874-12875
Baud, S. 1352
Baudino, S. 6321
Baudoin, J. P. 6043, 8302, 8726, 10453, 11557, 11903, 12484
Baudouin, L. 12184
Bauer, D. E. 7089
Bauer, D. W. 85
Bauer, E. 223
Bauer, L. S. 10924
Bauer, P. 7103, 11497
Bauer, P. J. 6350
Bauer-Weston, B. 7440
Bauers, B. M., Sr. 10994
Baulcombe, D. C. 1179, 2051, 3178, 4923, 8979, 11898, 12554-12555
Baum, B. R. 6783, 8218, 8506
Baum, K. 12598
Baumann, U. 10362
Bäumlein, H. 33-34, 2573, 3326, 4473, 8293, 9438
Baurens, F. C. 6215, 12683
Bauri, F. K. 1715
Bauw, G. 1852, 3073
Bauwe, H. 8848, 11995
Bauwens, S. 7810
Bavage, A. 4755
Bavaresco, L. 10698
Bawa, K. S. 4183
Baxter, A. J. 1119
Bay, A. P. M. 4860
Baydar, H. 5191
Bayer, D. E. 8111
Bayer, M. B. 5448
Bayles, R. A. 7880
Baynton, C. E. 491, 6320
Bayram, E. 4310
Bays, N. W. 2039
Baysdorfer, C. 12892
Bazin, B. 5034
Bazin, C. 5589
Bazinet, C. 9516
Bazzaz, F. A. 5270
B"chvarova, R. 35
Beach, L. R. 816
Beachell, H. M. 10300
Beachy, R. N. 1146, 7241, 10552, 11139, 11307
Beal, P. R. 3054
Beall, F. D. 4172
Bean, A. 8906
Bean, S. J. 10464
Bean, S. R. 150
Beard, H. S. 6008, 7134
Beard, W. E. 11808
Beatson, R. A. 4342
Beattie, A. J. 6506
Beaudoin, F. 9078
Beaudoin, N. 8434
Beaulieu, J. 9801, 10959
Beaumont, V. H. 10231
Beaver, J. 4864
Beaver, J. S. 2451, 3739, 3741, 4866, 11559
Bebeli, P. J. 1274, 12220
Becerra, N. 3724
Becerra-Velásquez, V. L. 1727
Bechtel, D. B. 152, 12250
Běčius, V. 11562
Beck, D. L. 3652
Beck, D. P. 9432
Becker, D. 10025, 10145
Becker, H. 2024
Becker, H. A. 8076
Becker, I. 3793
Becker, J. 12453
Becker, J. M. 12137
Becker, R. 2573
Becker, T. 12816
Becker, T. W. 3863, 12135
Becker, W. M. 3908
Beckert, M. 12315
Beckett, J. B. 9211
Beckman, M. 11604
Beckmann, K. 12135
Becraft, P. W. 239, 9228
Bečvář, J. 12791
Bede, M. 3299
Bedendo, I. P. 1418
Bedgar, D. L. 6434
Bedini, G. 9062
Bednara, J. 8412, 8943
Bednarz, F. 564
Bedő, Z. 2211, 4517, 8026, 11316, 12305
Beebe, D. U. 6720
Beębe, S. 2445, 6037, 11558, 12078

Beecher, B. 915, 8694
Beentje, H. J. 9927
Beer, M. U. 12209
Beese, G. 7879
Beffa, R. S. 927
Beffagna, N. 3221
Beg, M. U. 4054
Begazo, J. C. E. O. 2826
Begna, S. H. 11357
Begum, D. 5246
Begum, M. 2906
Begum, S. 4493
Beharav, A. 10094
Behera, T. K. 5593
Behera, U. K. 10557
Behl, H. M. 5298, 12040
Behl, R. K. 5639, 11275
Behm, A. 6393
Beier, H. 3205
Beĭkov, B. 287
Beiles, A. 6783, 6793
Bejarano, A. 3504
Bekele, E. 7092
Békési, P. 4526
Bekman, E. 4796
Belalcázar C., S. 9631
Bélanger, A. 8508
Bélanger, G. 11489
Belaoussoff, S. 3944
Belarmino, M. M. 4936
Belay, G. 7930
Belayeva, E. V. 3540
Belenkevich, O. A. 220, 5675
Belenko, E. L. 2678
Beletskiĭ, Yu. D. 849
Belgium, Provinciaal Onderzoek- en Voorlichtingscentrum voor Land- en Tuinbouw 4971
Belhassen, E. 1800, 4359, 5486
Belknap, W. R. 3787, 6082
Bell, A. 838
Bell, D. T. 10904
Bell, E. 2095, 9051
Bell, H. F. D. 11787
Bell, J. C. 964
Bell, J. M. 6249
Bell, M. J. 469
Bell, R. L. 3936, 4341
Bell, R. W. 7939
Bell-Lelong, D. A. 8990
Bella, J. L. 1800
Bellairs, S. M. 1281
Bellamy, C. 7262
Bellani, L. 10013
Bellaoui, M. 11803
Bellarosa, R. 966, 985
Bellec, Y. 7302
Bellés, J. M. 9749
Belletti, P. 2599, 9931
Bellincampi, D. 12094
Bellini, C. 9018-9019
Bellini, E. 674, 2680, 7375, 7381, 8484, 8492-8493, 8496, 10682, 10686
Bellon, M. R. 4655, 8128
Belloni, C. 7892, 7910
Bellotto, M. 7563
Bellucci, M. 12186
Belnap, J. 6575
Belny, M. 9874
Belocchi, A. 7900
Belorit, A. 12793-12794
Belostotsky, D. A. 61
Belouchi, A. 8138
Below, F. E. 5842
Beltrami, G. 2811, 10836
Beltrán, E. 10199
Belzile, F. 7823-7824
Ben Abdallah, F. 3986
Ben-A'haron, S. 8510
Ben Amer, I. M. 11260, 12248
Ben-Amor, M. 642
Ben-Bassat, D. 5139
Ben-Hayyim, G. 3982, 12629
Ben-Jaacov, J. 6441
Ben-Meir, H. 6416
Ben-Moshe, E. 4891
Ben-Nissan, G. 5415
Ben-Tzvi Tzchori, I. 3217
Bendahmane, A. 12554
Bendahmane, M. 6340, 11139
Bendre, N. J. 9451-9452
Benech-Arnold, R. L. 6965
Benedek, B. 11716
Benedek, P. 708, 8486
Benedetti, L. de 3061
Benedetto, J. P. 1278
Benega, R. 8524
Beng, T. 12001
Beng Tan 12001
Bengtsson, B. O. 3182
Benítez Riquelme, I. 3337, 5512
Benito, C. 1344, 12302
Benito, E. P. 3882
Benito, M. 246
Benito, M. I. 5725
Benjavan Rerkasem 7942, 7981
Benmoussa, M. 6521
Bennett, A. B. 598, 1507, 3869, 5011, 6133, 6138-6139, 9545, 11642, 12605
Bennett, D. 8898
Bennett, J. 9313, 12405
Bennett, M. 7785
Bennett, M. D. 1187, 2018, 9957, 10595, 11202
Bennett, M. H. R. 7301
Bennett, S. J. 5955
Bennett, T. 4941
Bennetzen, J. L. 241, 3455, 4627, 4673, 5844, 6917, 9086-9087, 10029
Bennici, A. 1996, 8925, 12047, 12412
Benong, M. 8754
Benslimane, A. A. 4006
Benson, B. L. 4983
Benson, C. G. 4144
Benson, E. E. 12660
Bent, A. F. 2044, 4430
Bentley, D. R. 2072
Bentota, A. P. 4717
Bentue 11445
Bentzer, B. 2022
Benz, B. F. 12704
Benzine, A. 8532
Benzioni, A. 5199
Beppu, K. 11758
Bequette, R. K. 5655
Bera, M. B. 8333
Beránek, F. 12052, 12054
Berardo, N. 6884, 8548, 10784
Beratto M., E. 9176
Berbeć, A. 4117
Berberich, S. A. 1871
Berberich, T. 8100
Bercetche, J. 12904
Berdahl, J. D. 9334
Berding, N. 2781, 7536, 8653, 8656, 8669
Bered, F. 8053, 9182
Berendsohn, W. G. 7868, 9062
Berenguer, T. 693, 715
Berenguer-Navarro, V. 6233
Berényi, B. 10612, 10627
Berenyi, M. 12867
Berg, C. van den 5551
Berg, G. C. van den 3004, 3006
Berg, J. E. 7915
Berg, J. van den 3529, 4622
Berg, R. G. van den 6089
Berg, W. A. 4508
Bergamaschi, M. 5121
Bergamini, A. 10647
Bergamini, C. 10656
Bergelson, J. 7845, 9939
Bergen, S. van 12288
Berger, A. 66
Berger, M. 854
Berger, P. 5322, 12902
Berger, S. 2095
Bergey, D. R. 3885, 12602
Bergh, B. O. 4341
Bergh, J. C. 11012
Bergman, A. 7847
Bergmann, B. A. 7637
Bergmann, F. 954, 2983, 11969
Bergounioux, C. 50, 5240, 11884
Berhow, M. 11774
Berhow, M. A. 7414
Beri, S. M. 12443, 13035
Berjak, P. 1109
Berke, T. G. 291
Berkel, J. van 8385
Berkowitz, G. A. 1207, 9324
Berkutova, N. S. 5693
Berleth, T. 3222, 3239, 4394, 5550
Berljak, J. 4299
Berlocher, S. H. 7253
Berlyn, G. P. 9366
Berna, A. 6706
Bernacchi, D. 604
Bernacchia, G. 4264, 10548
Bernal, J. H. 9268
Bernal-Lugo, I. 12493
Bernard, M. 6703, 6808, 8014
Bernard, M. J. 8669
Bernard, R. L. 11533
Bernard, S. 6703, 6808, 6859
Bernardello, L. 6539, 10998
Bernardi, G. 10026
Bernardo, A. 6858, 8028
Bernardo, R. 3464, 8077
Bernasconi, P. 9026
Bernáth, J. 7689, 8904, 8914, 8924
Bernatzky, R. 1758
Bernhardt, J. L. 5867, 5871, 5875, 5937, 5943
Bernier, A. M. 7999
Bernier, F. 6706
Bernier, G. 12739
Berrío, L. E. 4656
Berry, C. D. 8710
Berry, J. O. 3641-3642, 12591
Berry, P. E. 10008
Berry, S. T. 6254
Berryman, D. 6597
Bertagnolli, P. F. 3395-3396
Bertauche, N. 6658
Bertekap, R. L., Jr. 8995
Berthaud, J. 8068, 12080
Bertheau, Y. 9510
Berthouly, M. 897, 5234
Berthouzoz, F. 8427
Bertin, P. 383, 12403
Bertoia, L. 3503
Bertolini, M. 4585-4586
Bertolucci, F. L. G. 7621
Bertoncini, O. 3785
Bertone, G. 7688, 8923
Bertoni, G. P. 3908
Bertram J. R. 8640
Bertrand, A. 7549
Bertrand, A. M. 7707
Bertrand-Garcia, R. 9235
Bertschinger, L. 8471
Bervillé, A. 4062, 5187, 9678, 10788
Berwal, K. K. 2159, 10775
Berzonsky, W. A. 2144
Besford, R. T. 605, 6801
Besheit, S. Y. 6306
Besle, J. M. 2836
Besnard, G. 5187
Bessarab, K. S. 3315
Besse, P. 948, 7536, 8641-8642, 8762
Bestwick, C. 7785
Bestwick, C. S. 7301
Betancur, J. 9887
Betbéder-Matibet, M. 11444
Bethune, T. D. 10968
Bett, K. 7009
Bett, K. E. 7449
Betys, P. K. 3933
Betzner, A. S. 6634
Beukeveld, J. H. J. 6406
Beulé, T. 12752
Beuningen, L. T. van 9092-9093, 11233
Beura, S. K. 1537
Beuselinck, P. R. 7112
Bevan, M. 9004
Bevan, M. W. 6708
Beven, A. F. 493, 8411
Bever, J. D. 3260
Beveridge, C. A. 6058
Bewley, J. D. 5976
Beyazoğlu, O. 6924
Beyer, P. 3076, 9305
Beyhan, Ö. 681, 813
Beynon, J. L. 7786, 9938
Beyrouty, C. A. 3624
Bezant, J. 5673
Bezant, J. H. 10112
Bezděk, M. 12820
Bezerra, J. E. F. 9646
Bezzi, A. 8921
Bhadauria, A. 5477
Bhadauria, N. K. S. 11814
Bhadauria, N. S. 11814
Bhadauria, V. P. S. 11814
Bhadouriya, N. S. 11376
Bhag Mal 4448
Bhagabati, K. N. 1422
Bhagat, N. R. 8604
Bhagwan Das 871
Bhagwat, A. 7801
Bhagwat, M. D. 11253
Bhagwat, V. R. 9480
Bhajan, R. 7459
Bhalodia, P. K. 8604
Bhanavase, D. B. 2777
Bhandal, M. S. 7951
Bhandari, D. C. 8792
Bhandari, M. M. 7720-7721
Bhandari, N. N. 975
Bharaj, T. S. 4694
Bharali, B. 7030
Bhardwaj, B. L. 12443, 13035
Bhardwaj, M. L. 8419, 8438
Bhardwaj, S. C. 11294
Bhardwaj, S. S. 615
Bhardwaj, S. V. 499
Bhargava, J. 5048
Bhargava, S. C. 2188
Bharti, M. V. R. 4534
Bhashyam, M. K. 3486
Bhaskar, P. 1888, 7330
Bhat, K. V. 12071, 12682, 13056
Bhat, R. S. 8609, 11838
Bhat, S. 3548
Bhat, S. R. 11800
Bhati, D. S. 8581
Bhatia, A. 3449
Bhatia, C. R. 512, 7801, 8344, 12522
Bhatia, G. L. 3755, 3916
Bhatia, J. N. 7509
Bhatia, N. 1804, 8593
Bhatia, R. S. 11902
Bhatia, V. S. 464, 9390
Bhatnagar, A. 4732
Bhatnagar, P. S. 9390
Bhatnagar, S. 1870
Bhatnagar, S. K. 8363
Bhatnagar, V. K. 1285, 6790
Bhatt, J. P. 1683
Bhatt, T. A. 2793-2794
Bhatta, M. R. 7993, 9156
Bhattacharjee, S. K. 1143
Bhattacharya, A. 8332
Bhattacharya, A. K. 12523
Bhattacharya, M. 2173, 12252
Bhattacharya, S. 3486
Bhattacharyya, B. 11062
Bhattacharyya, M. 472
Bhattacharyya, M. K. 3703, 6007, 7217, 10435
Bhattarai, S. P. 7319, 12185
Bhatti, K. 1574
Bhatti, M. B. 282, 317
Bhatti, M. H. 560, 11613
Bhatti, M. J. 1562
Bhatti, M. K. 1559
Bhattiprolu, G. R. 2005
Bhattramakki, D. 4608
Bhatty, R. S. 12290
Bhave, S. G. 11421
Bhavsar, V. V. 1289-1290
Bhojwani, S. S. 975, 11117
Bhondave, T. S. 7540
Bhowmik, A. 4943
Bhowmik, G. 9885, 13003
Bhullar, G. S. 1288
Bhutia, D. T. 330, 8098
Bhuyan, R. N. 4735
Bi, C. X. 7243
Bi, I. Z. 10453

Bi, X. Z. 10155
Bi, Y. M. 9810
Bi ChongXin 7243
Bi YongMei 9810
Biacs, P. A. 3895
Biagetti, M. 12202
Biaggi, M. de 2818
Białoskórska, Z. 9153
Białoskórski, J. 9153
Bian, C. S. 2539
Bian, X. Y. 6378
Bian ChunSong 2539
Bian XueYu 6378
Biancardi, E. 2807
Bianchi, A. 6679, 8063, 10032
Bianchi, A. A. 2758, 6954, 10266
Bianchi, G. 4069
Bianchi, M. 2122
Bianchi, M. W. 9001
Bianco, V. V. 1618, 5511
Biancolatte, E. 2122, 7905
Biarnès-Dumoulin, V. 11131
Bicchi, C. 7688
Bichoo, G. A. 7690
Bichta, J. 6868
Bicknell, R. A. 4267, 11025
Bidari, V. B. 9449, 9482
Bidinger, F. R. 16
Bidlack, J. E. 11374
Bidonde, S. 7335
Biehler, K. 12135
Biekman, E. 3798
Bieliūnienė, A. 11310
Bienenmann-Ploum, M. E. 3884
Biermann, B. 48
Bietz, J. A. 4503, 12254
Biever, K. D. 8392
Biezen, E. A. van der 906, 11196
Biffi, R. 4986
Bigazzi, M. 11027
Bignell, C. M. 8780
Bijral, J. S. 6712, 7874, 11241
Bilang, R. 12108
Bile, G. 7227
Biles, C. L. 5813
Bilgen, G. 2162, 2221
Bilger, I. 5291
Bilgin, M. 7097
Bilhalva, A. B. 7397
Bilinskaya, E. N. 10041
Billing, K. 11890
Billore, S. D. 9389
Billot, C. 8244
Bimal, R. 8095
Bimbatti, M. 2806
Bin Huang 12723
Binder, M. P. 6382
Binder, S. 104, 3184, 4116, 11564
Binek, A. 8200
Binelli, G. 1009
Binert, T. 2415
Bing, D. J. 8560
Bingham, E. T. 2397
Bini, G. 11828
Binkowski, K. A. 6655
Binks, R. H. 11768
Binnie, R. C. 10346
Bino, R. J. 9552
Binod Kumar 8125
Binzel, M. L. 3877, 4125, 6153
Biradar, B. D. 1543, 8108, 10634
Biradar, D. P. 4598
Birari, B. M. 2468
Birari, S. P. 515
Birch, R. G. 1832, 8640, 10826, 11157
Birchler, J. A. 265, 5747, 9193
Birchler, T. 11194
Bird, C. R. 6139
Bird, D. A. 12037
Bird, D. McK. 8968
Bird, K. T. 2007, 5481
Bird, L. S. 8738
Bird, R. M. 5702, 5787, 5821, 10148-10149
Birhman, R. K. 6087, 8376
Biricolti, S. 6204
Birkes, D. 4432
Birkhold, K. B. 3968
Birks, J. S. 5317
Biryukova, N. K. 2642
Bisaro, V. 4838
Bischoff, M. 591
Bishop, G. J. 597
Bishop, H. G. 443
Bisht, G. S. 8093
Bisht, R. P. 7626
Bísková, R. 6431
Bisseling, T. 3686, 5294, 11880
Bisset, H. 9795
Biswajit Das 7427
Biswajit Ghosh 4297, 7711
Biswas, G. C. 2722
Biswas, J. K. 11438
Biswas, K. P. 3559
Biswas, M. G. 9008
Bitti, M. E. 5036
Biyashev, R. M. 1314, 5674
Bizarri, M. 5249
Bizimungu, B. 6896
Bjarnason, M. 289
Björkbacka, H. 12869
Bjorkman, T. 2367
Bjørn, G. K. 4957, 7271, 8420
Bjørnstad, Å. 1328, 5671, 6781
Blaak, G. 7502
Blaas, J. 2493, 11596
Blaas, W. K. 11604
Black, C. C., Jr. 3604
Black, L. L. 3897, 8417, 12613
Black, M. 11108
Black, S. D. 10298
Black, W. 12970
Black-Samuelsson, S. 11508, 12445
Blackman, S. A. 5809
Blackwell, J. 4122, 10858
Blair, M. W. 12404
Blaise, S. 1954
Blake, J. 4012
Blake, J. A. 7770
Blake, N. K. 106, 1313
Blake, R. C. 3936
Blake, T. K. 106, 1313, 8044
Blakeney, A. B. 8142
Blakesley, D. 560, 4157, 5162, 11613
Blakeway, F. C. 11918
Blakey, C. A. 9210, 10186
Blamey, F. P. C. 7247
Blanc, A. 4915
Blanc, J. P. R. le 11012
Blanc, V. 118
Blanc, V. M. 1067
Blanchard, L. 2367
Blanchard, P. 12319
Blanchet, P. 2676
Blanci, M. A. 8960
Blanco, A. 4497, 7904, 11283, 11704, 12225
Blanco, M. 798
Blanco, R. S. 2785
Blanco-Metzler, A. 4013
Blank, M. L. 10108
Blanshard, J. M. V. 2510
Blanton, R. L. 3174
Blatt, C. R. 1268
Blatt, M. R. 11888, 12121
Blattes, A. 12752
Blažek, J. 748, 11691
Blažková, J. 8480, 11692
Blázquez, M. A. 6653
Blecher, O. 3308
Blechl, A. E. 147
Bleecker, A. B. 3168, 9007, 12146
Blehová, A. 1110
Bletsos, F. 5001, 5024
Blewitt, M. 250
Bligh, H. F. J. 8141, 10292
Bligny, R. 8793
Bliss, F. A. 1727, 3955
Blixt, S. 2015
Block, M. A. 8320
Block, M. de 12227
Blocker, M. M. 5867, 5875
Blokland, R. van 12008
Blömer, K. C. 4403
Blomerus, L. M. 8871
Blomstedt, C. K. 11799
Blouet, A. 9117
Blouin, D. C. 3636
Blum, A. 4358, 5921, 10071, 11375
Blum, W. E. H. 10072
Blume, B. 8432
Blumenthal, M. J. 1431, 1474
Blumenthal, S. 12501
Blumwald, E. 1901, 8406, 11965
Blyum, Ya. B. 4118
Board, J. E. 11538-11539
Boase, M. R. 2991, 3023
Bobák, M. 1110
Bobková, L. 2135-2136
Bobrova, V. 100
Bobrowski, V. L. 8428
Bocchi, S. 6884
Bochnia, T. 8870
Bock, C. 11368
Bock, T. S. M. de 2820, 5231, 8671
Bockholt, A. J. 9243
Bockus, W. W. 3354
Bodanese-Zanettini, M. H. 1492
Boddey, R. M. 11359
Boddupalli, S. 9669
Bode, J. 9847
Bodeau, J. P. 3450
Bodénès, C. 7623, 10905, 12864
Bodin-Rodier, D. 8983
Bodnaryk, R. P. 825
Bödvarsdóttir, S. K. 6711
Boe, A. 418
Boehm, K. S. 12599
Boer, A. D. de 8689
Boer, B. den 5552
Boer, B. G. W. den 9973
Boerboom, C. M. 11373
Boerjan, W. 1884, 4170, 6374, 9789, 9791, 12870, 12874-12875, 12878, 13058
Boerlijst, M. C. 10005
Boerma, H. R. 458, 473, 1499, 2432, 2438, 3709, 5958, 6032, 7142, 7162, 9050, 9385, 11545-11546
Boersig, M. 7317
Boesen, B. 6673
Boeshore, M. L. 12631
Boeuf, C. 6703, 8014
Boevink, P. 2834
Bogani, P. 2579
Bogdanov, Yu. F. 4437
Boget, N. 296
Boggini, G. 2122, 3298, 6802, 7901, 7975, 7980, 8048
Bogracheva, T. Y. 3757
Bögre, L. 7104
Bogusz, D. 8794
Bohanec, B. 573
Boher, B. 6100
Bohlin, L. 2175
Bohlmann, H. 9049
Böhm, H. 3734
Bohn, M. 2288, 10264
Bohnert, H. J. 2037, 5442, 9750, 9866
Bohorques, J. 3505
Bohorquez, C. 11857
Bohuon, E. J. R. 1608
Boiano, S. 7309, 12688
Boiça, A. L., Jr. 489
Boidron, R. 10702
Boinski, J. J. 12591
Boivin, R. 4204
Bojsen, K. 6797
Bokhari-Riza, A. 8083
Bokosi, J. 3739
Bol, J. F. 12808
Boland, T. 1090
Bolandi, A. R. 4062
Bolaños, J. 4612
Bolat, İ. 679
Bolchi, A. 3873
Boldyreff, B. 5719
Bolitho, K. M. 5080
Bolle, C. 2550-2551, 3845
Bolle, M. F. C. de 397
Boller, B. 11502
Boller, T. 4820, 9159
Bollereau, P. 12952
Bollich, C. N. 7008
Bollich, P. K. 7009
Bollini, R. 11553
Bolonhezi, D. 7527
Bolyard, M. G. 10536
Bommineni, V. R. 9088, 9090, 10968
Bona, L. 164
Bonaccorsi, I. 12692
Bonadé-Bottino, M. 12880
Bonar, N. 8368, 11306
Bonas, U. 5057, 11138
Bonassy, J. 2562
Bonato, E. R. 471
Bonavent, J. F. 8237
Bond, D. 12310
Bondada, B. R. 5150
Bondt, A. de 7364
Bonen, L. 3310
Bonetta, D. 41
Bonfante, P. 6557, 8932
Bonfil, D. J. 11262
Bong, B. B. 5925
Bonga, J. M. 5325, 10973
Bongard-Pierce, D. K. 270
Bongarten, B. C. 10939
Bongiovanni, M. 1645
Bonhomme, F. 12739
Bonhomme, H. 6808, 6886
Bonhomme, R. 8090
Bonierbale, M. 12078, 12561
Bonierbale, M. W. 1582, 2509
Bonilla, J. 6598
Bonilla, J. R. 11487
Bonin, C. P. 9972
Bonin, M. J. 4975
Bonin, V. 10450
Bonman, J. M. 1421
Bonn, W. G. 8948
Bonnard, G. 823, 3186
Bonnel, E. 4915
Bonnema, G. 1666, 5007
Bonnen, A. 4127
Bonner, C. M. 8746
Bonness, M. 9753
Bonnet, P. 5251
Bonnett, G. D. 10344
Bonnier, F. J. M. 3087, 11037
Bonnin, I. 1443, 8229-8230
Bonte, D. R. la 8401
Boogaard, R. van den 126, 4486, 7945
Booker, F. L. 12898
Boon, E. J. 8867
Boon, J. J. 3825
Boonen, P. H. G. 4972
Boonsermsuk, S. 12051
Boot, C. J. M. 1856
Boote, K. J. 11555
Booth, A. 11302
Boothe, J. G. 839
Bora, G. C. 2443, 3909-3910, 12482
Borah, R. C. 12397
Borah, R. K. 8446
Borbor, M. 3484
Borch, K. 12964-12965
Borchardt, D. 8673
Borchardt, D. C. 9707
Bordács, M. M. 710
Bordas, M. 6157
Bordat, D. 5046, 5065, 11656
Bordelon, B. P. 10705
Bordelon, F. 8730
Borden, J. H. 7648, 10975
Bordenave, M. 521
Bordignon, R. 7554
Borell, A. 12104
Borello, U. 9985
Borg, S. 5993
Borgen, L. 1956
Borghi, B. 2122, 7064, 7887, 9098, 11451
Borikar, P. S. 2470
Borikar, S. T. 6152, 9264
Borin, C. 7494
Borisjuk, L. 2442, 3326, 11548

Borisjuk, N. 12582
Borisov, A. V. 2639
Borisov, A. Y. 9445, 11568
Borisov, V. A. 2119
Borisova, T. A. 1857, 5247
Borisy, G. G. 2103
Borkakati, R. P. 8150
Borkhardt, B. 7233
Borne, F. D. de 9730
Börner, A. 3291, 4473, 4580, 5629, 6865, 11246, 11254, 11260, 12248, 12300
Börner, T. 396, 4753, 5223, 5951, 8187
Borojević, K. 2025
Borojević, S. 2025
Boros, D. 10111
Boros, L. 451-453, 456
Borovkova, I. G. 8044
Borowska, M. 10467
Borralho, N. M. G. 965, 5280, 12859
Borras, F. S. 11356
Borrell, A. K. 5848
Borrelli, L. 2395
Borrero, J. 2311
Borriès, C. 2176
Borrino, E. 11468
Borromeo, T. H. 4690
Borroto, C. 9071
Borroto, C. G. 798
Borroto, E. 798
Borshkovskiĭ, N. G. 2514
Borst, N. K. 3023
Borst, W. M. 1640, 3849
Borstlap, A. C. 3223, 9041
Bort, J. 11313
Bortnem, R. 418
Borua, I. 12398
Borua, P. K. 11062
Borzan, Ž. 10969, 10971, 11106
Bos, I. 3438
Boscaiu, M. 9783
Bosch, C. H. 8520
Bosch, D. 5596
Bosch, H. J. 6419
Bosch, J. van den 1469, 11507
Bosch, L. 2274
Bosco, S. F. del 11772
Bose, M. S. C. 3561
Boshier, D. 8777
Bosio, D. 5824, 9247
Bošković, R. 6190, 11703, 11714, 11723
Bosland, P. W. 11126
Bosman, M. 12829
Boss, P. K. 3984, 6206
Bosscher, J. S. 7746
Bostan, S. Z. 681-682, 11786
Boston, R. S. 9225, 10295
Bostwick, D. 177
Bostwick, D. E. 11657
Botella, J. 8647
Botella, J. R. 8529
Botella, M. A. 6012
Botez, C. 4874, 6144
Botha, F. C. 8643, 9694
Bothmer, R. von 1306, 1327, 4774, 6572, 6574, 12286
Botta, G. 7004
Bottazzi, P. 7893, 7908
Botterman, J. 40
Botti, C. 5212
Bottin, A. 11896
Bottka, S. 9344
Botton, B. 8929
Botton, E. 12958
Botz, L. 710
Bouafia, S. 4915
Boucaud, M. T. de 12652
Bouchaour, I. 10857
Bouchard, R. A. 2283, 10219
Boucherez, J. 4413
Bouchez, A. 5760
Bouchez, D. 6637
Boudet, A. 9785
Boudet, A. M. 7617, 7620, 9734, 10902, 12860
Boudry, P. 10837
Bouet, A. 6961
Bougourd, S. M. 1600
Bouharmont, J. 379-380, 383, 12403
Bouhidel, K. 1194
Boukema, I. 1632
Boulay, M. 12953
Boulianne, R. P. 7745
Boulter, D. 9950
Boulters Nurseries 1056
Bouman, H. 1711, 2999, 6495
Bouquet, A. 1739, 12677
Bouras, F. 12865
Bourauel, T. 10568
Bourdon, V. 2756
Bourgeois, Y. 9846
Bourgoin, B. 7071
Bourguignon, J. 9440
Bourke, R. M. 2731
Bourland, F. M. 2859-2861, 8725, 11901, 12831
Bournat, P. 6321
Bourne, M. C. 4860
Bournoville, R. 9349
Boursiquot, J. M. 10702
Bousquet, J. 4204, 10928, 11162
Boussak, Z. 8532
Boutilier, K. 12723
Boutin, J. P. 9357
Boutin, R. 7549
Bouton, J. H. 3650, 8226-8227
Boutry, M. 9424, 9725
Bouveau, R. 4934
Bouvet, J. M. 961, 10898-10899
Bouvier, F. 2600, 6148
Bouvier-Durand, M. 5240
Bouwer, R. 6456
Bouzayen, M. 642, 4370, 7335, 8432, 9848
Bova, R. 13061
Bovelli, R. 12412
Bovi, V. 7526
Bovy, A. G. 1064
Bowden, R. L. 5655
Bowen, B. 5709
Bowen, B. A. 4842, 8291
Bowen, D. W. 8189
Bower, M. S. 1777
Bower, R. 1832
Bowers, J. E. 526
Bowler, C. 9891
Bowles, D. J. 3876
Bowley, S. 7096
Bowley, S. R. 2372, 3680, 11496, 11509
Bowling, S. E. 7830
Bowman, D. 2882
Bowman, D. T. 8709, 10871
Bowman, H. F. 7915
Bowman, K. D. 10743
Box, J. 8450
Box, J. E. 11274
Boxus, P. 7353
Boyadjieva, D. 2185
Boyat, A. 10141
Boyen, C. 8973
Boyer, J. S. 17
Boyes, D. C. 7286, 11191
Boyes, S. 10754
Boyko, E. V. 7923
Boyle, T. 7849
Boyle, T. H. 3067, 9865
Bozhkov, P. V. 8803
Bozorgipour, R. 10098
Bozzini, A. 10043
Bozzo, F. 2395
Braam, J. 4421, 5549
Braam, W. F. 9499, 12541
Brabant, P. 1150, 11257
Braccini, M. do C. L. 4861
Brace, J. 8564
Bracho, J. 8347
Braconnier, S. 11824
Bradeen, J. 5793
Bradeen, J. M. 8410
Brading, P. 11647
Bradley, D. 4052, 4405
Bradley, J. M. 3220, 12007
Bradley, K. F. 1601
Bradley, M. 6473, 6487
Bradová, J. 2218
Bradow, J. M. 6350
Bradshaw, H. D., Jr. 7627, 10917
Bradshaw, J. E. 4920, 7229, 8368
Brady, C. 9553
Brady, J. L. 3130
Bragagna, P. 8512
Bragason, B. T. 6711
Bragg, C. K. 8735
Bragina, E. A. 8899
Brain, P. 2952
Bramel-Cox, P. J. 1386
Bramlett, D. L. 10952
Branca, C. 3873
Branca, F. 11632
Brancadoro, L. 8509
Branch, W. D. 7508
Brancourt-Hulmel, M. 11131
Brande, J. 1055
Brander, K. 9250
Brandes, A. 38, 5536, 5594
Brandham, P. E. 1971, 2018, 9063, 11629
Brandini, R. 10036
Brandle, J. 7712
Brandstetter, A. 10072
Brandstrup, B. 5993
Brandt, J. 6797
Brandt, K. 6569, 7679
Brandt, P. 7828, 9002, 9959
Branham, B. E. 5964
Braniştе, N. 10645
Branlard, G. 10060
Bransteitter, R. 7922
Brar, D. S. 4693, 4703, 7021, 9289
Brar, G. S. 11478
Brar, J. S. 1549, 2478
Brar, K. S. 3763, 3763, 10633
Brasier, C. M. 12883
Brasileiro, A. C. M. 3726, 7619
Bråthen, E. 7977
Bratus, A. 6758
Braun, D. 9031
Braun, D. M. 11334
Braun, H. 33-34, 2983, 6411, 11967
Braun, H. J. 155, 1296, 3352, 7984
Braun, H. P. 4378
Braun, J. P. 1814
Braun, J. von 11127
Braun, M. 1650
Braun, P. J. 12030
Braun, R. H. 4267, 9530
Brauner, J. L. 2224
Braver, G. 11110
Braverman, M. P. 3636
Bravo, J. 1845
Brawner, J. 8937
Bray, C. M. 9107
Bray, E. A. 3867, 6605, 8441
Bray, R. A. 4809
Braz, A. J. B. P. 12215
Brecke, B. J. 11842
Breda, C. 4791, 8228
Bredemeijer, G. 5004, 5006
Brederode, J. van 5473
Breeding Science 4449, 9076-9077
Breedt, H. J. 2715, 7416
Breger, É. L. 102, 2115
Bregoli, A. M. 10656
Brehm, B. G. 1058
Breiman, A. 2138, 3308
Breinig, S. 6527
Breitbach, D. N. 2505
Breitenbach-Dorfer, M. 1018, 11974
Breman, L. L. 7409
Bremer, K. 7672
Brendel, V. 3188, 10154
Brennan, C. S. 213, 9167
Brennan, N. J. 1119, 11082
Brennan, P. S. 161, 7946
Brennan, R. 12661
Brennan, R. M. 4342, 12660
Brennicke, A. 104, 1251, 2489, 3184, 4116, 4905, 5537, 7828, 9002, 9959, 11218, 11564, 11599
Bresnan, D. F. 4179
Bressan, M. 2753, 2758
Bressan, R. A. 2835, 3162, 4125, 6012, 9933, 10852, 11897, 12596
Brestič, M. 10409
Bretagnolle, F. 5970
Breton, C. 521
Breton, F. 12091
Brettell, R. 10101
Bretting, P. K. 5509
Brettschneider, B. 4561
Brettschneider, R. 10145
Breuer, I. 6524
Brevet, J. 8691
Brewbaker, J. L. 12336
Brewin, N. J. 2459
Briat, J. F. 4413, 6006, 9084
Briccoli Bati, C. 12059
Bridgen, M. P. 1961, 8868
Brière, C. 7494
Brigati, S. 7389, 10623
Briggs, K. G. 156, 166, 6756, 9168
Briggs, S. P. 275, 3465, 7789, 11339
Briggs, W. R. 3226, 9083, 10022
Brigneti, G. 4923
Briké, F. 9857
Brinch-Pedersen, H. 3371
Brindza, J. 4898
Briner, H. U. 7075, 8203
Brinkmann, S. 9352
Briquet, M. 2075, 7647
Brisibe, E. A. 6738
Brison, M. 12652
Brisson, N. 9513
Brito, A. L. V. T. de 12023
Brito, S. de F. M. de 10811
Brits, G. 3004
Brits, G. J. 3006, 3034, 3138
Britt, A. B. 2092
Britton, G. 1218
Bříza, J. 7658
Broadbent, P. 4871
Broadhurst, P. G. 4997
Brock, D. 5738
Brock, J. L. 434, 1467
Brock, R. D. 4605
Brockaert, W. F. 397
Brockhaus, R. 6585
Brodelius, P. E. 12041
Broderius, M. 2102
Brodie, A. 1144
Brodschelm, W. 11896
Brødsgaard, C. J. 8295
Brody, A. K. 12986
Broeck, A. van den 1884
Broeck, A. vanden 12878
Broek, T. van den 7717
Broekaert, W. F. 2062, 5572
Broer, I. 9720-9721
Broers, L. H. M. 3363, 12278
Broglia, M. 3437
Brogna, G. 10266-10267
Brondani, C. 2511, 4614, 4933
Bronner, A. 11751
Bronner, R. 2754, 4059, 7495-7496
Bronsema, F. B. F. 3480, 8095
Brophy, J. J. 8818
Brosch, G. 11333
Brothers, M. E. 6049
Brotherton, G. A. 8656
Brough, C. L. 6297
Brouillard, R. 11104
Broun, P. 9690
Brouwer, C. 10416
Brouwer, D. 3674
Brouwer, D. J. 7098
Brouwer, J. B. 8330
Brouwershaven, I. R. van 12288
Brower, A. V. Z. 4447
Brown, A. H. D. 5499, 5510, 9367, 11318
Brown, A. P. 6243, 6297, 9662
Brown, C. S. 9980
Brown, D. 9026, 9257
Brown, D. A. 1895

Brown, D. C. W. 425, 3149, 3676
Brown, E. A. 4026
Brown, E. W. 10666
Brown, G. A. 10
Brown, G. G. 3451, 7456, 9659, 9667, 10159, 12725
Brown, G. N. 10090
Brown, G. R. 12900
Brown, I. R. 7301
Brown, J. 2897, 6243, 9662
Brown, J. K. M. 3749, 7881
Brown, J. S. 1305
Brown, J. W. S. 2087, 3204, 5704
Brown, K. 12920
Brown, K. L. 5809
Brown, K. R. 4172
Brown, L. G. 7409
Brown, L. M. 7362
Brown, P. D. 4577, 8055
Brown, P. H. 9896
Brown, R. H. 9080, 11220
Brown, R. L. 11365
Brown, S. 1652, 2932, 6989, 7097, 7103, 9344, 11497
Brown, S. C. 1954, 12957
Brown, S. E. 4548
Brown, S. K. 4341, 10652, 10660, 11667
Brown, T. 7849
Brown-Guedira, G. L. 3316, 3354, 10082
Browning, I. A. 549, 1576
Browning, K. S. 3180, 5610
Browning, S. 1425
Brownlee, R. T. 3929
Browse, J. 3886, 7818, 9047, 9051, 11180
Broyles, S. B. 12991
Brózik, S. 7368, 11687, 11729
Brubaker, C. L. 4144, 5510
Bruce, K. D. 1445
Brückner, C. 4444
Bruckner, C. H. 9647, 11788
Bruckner, P. L. 7915
Brufau, J. 4558
Bruggemann, E. 75
Brüggemann, W. 9567
Bruhl, J. J. 5357, 8916
Bruijn, F. J. de 445, 3691, 9355
Bruin, R. de 12008
Bruins, M. B. M. 7971
Brukhin, V. B. 8803
Brullo, S. 6111, 12580
Brumm, T. J. 12330
Brummell, D. A. 5011, 6139
Brummer, E. C. 458, 8281
Brun, L. A. 10848
Brunak, S. 1202
Bruneau, A. 10944
Bruneau, E. 10639
Brunet, J. 5401
Brunetti, A. 6338
Brunini, O. 3502, 4862-4863
Brunissen, C. 11906
Brunner, A. M. 12872
Brunner, H. 3665
Bruno, J. 8277
Brunold, C. 9250
Bruns, R. 7967
Bruns, S. 13042
Brunsfeld, S. J. 1887, 10718
Brunsgaard, G. 5678
Brus, R. 8784
Brush, S. B. 6591
Brutnell, T. P. 1365
Bruxelles, G. de 5568
Bruxelles, G. L. de 2096
Bryan, G. J. 7925, 11147
Bryan, J. A. 9366
Bryan, S. E. 4304, 4307
Bryant, J. A. 12500
Bryde, N. J. 6219
Bryne, D. H. 12969
Bryngelsson, T. 4774, 8040, 10577
Brysting, A. K. 12420
Brzin, J. 10533
Bubán, T. 727
Bucci, G. 1009, 10910
Buchala, A. 5572, 10339
Buchanan-Wollaston, V. 8571, 8971
Bucheli, C. S. 1831, 8657
Bucher, M. 2582
Buchholz, W. G. 1400
Buchmann, S. L. 12064
Buchner, R. 11053
Buck, S. de 4397
Buckler, E. S. 3060
Buckler, E. S., IV 1353, 1375, 7866
Buckley, J. B. 7392
Buckley, P. M. 11369
Buckner, B. 2247, 5713, 6917
Budahn, H. 7264, 8422
Budak, N. 3336, 3783, 6732, 7967
Budan, S. 11698, 11701
Budar, F. 11803
Budathoki, K. 12185
Budde, I. 7575
Budhathoki, C. B. 7935, 10068, 11272
Budiman, M. A. 4777
Būdvytytė, A. 11125
Budzianowski, G. 6813, 6895
Buechley, G. 11298
Buehler, R. E. 6353
Buehring, N. W. 7155
Buell, C. R. 11192
Bueno, M. A. 9783, 12866
Buerstmayr, H. 5646
Buffard, D. 4791, 8228
Buffard-Morel, J. 12752
Buffone, F. A. 8401
Bugárová, Z. 544
Bugos, R. C. 8426
Buhiniček, I. 2244, 11367
Bui Van Le 315, 1993
Buiatti, M. 2579, 12095
Buiel, A. A. M. 860
Buitendijk, J. H. 3078, 8867
Bujak, H. 4581, 10132
Bujauskas, A. 11607
Bujold, S. J. 6406
Bukhari, Y. M. 8789, 11944
Bulagay, A. N. 11666
Bulajić, A. 654
Bulcha Woyessa 1823, 2765
Bulińska-Radomska, Z. 1460
Bull, D. 9873
Bull, J. K. 13, 8624, 8655, 8659
Bull, T. A. 8659
Bull, V. J. 12507
Bullini, L. 1092
Bülow, L. 7562
Bult, C. J. 7770
Bundock, N. 3864
Bunkelmann, J. R. 7595
Bunnag, S. 3942
Bünte, R. 11620
Bunyard, B. A. 6556
Buraczewska, L. 10386
Burak, M. 5111, 11666
Burak, R. 3503
Burbank Biotechnology 5397
Burbulis, I. E. 79
Burch, J. 6619
Burch, T. A. 8746
Burchi, G. 3061
Burciaga, G. 3424-3425
Burczyk, J. 10980, 12896
Burd, J. D. 2131, 3393
Burdekin, D. A. 6379
Burdett, L. 8711
Burdon, J. J. 5499, 7784, 8955, 11213, 11318
Burdon, R. D. 10953
Bureau, J. M. 11884
Bureau, T. E. 340
Burenin, V. I. 2517
Burg, A. 12867
Burg, K. 8781, 12863
Burg, W. J. van der 6595
Burge, G. K. 6466
Burger, Y. 3899
Burgermeister, W. 4132, 9754
Burgess, D. 7175
Burgess, E. P. J. 3685, 6096
Burgess, I. P. 964, 4163
Burgess, J. 2894, 2904, 8743
Burgess, P. J. 4106, 12802
Burgess, S. R. 9188
Burgos, L. 700, 704, 3947, 5098, 6187
Burgt, X. M. van der 11107
Buriánek, V. 9793
Burilkov, V. K. 10169
Burk, T. E. 4174
Burke, D. 3018-3019
Burke, J. M. 6491
Burkey, K. O. 4821
Burkhamer, R. L. 8213
Burkhardt, P. K. 9305
Burks, A. W. 858, 6031
Burleigh, S. H. 10370
Burmester, C. H. 8746
Burner, D. M. 8648
Burnett, P. A. 4563
Burnett, R. J. 6923
Burnham, C. R. 8022
Burns, J. A. 11785
Burns, N. A. 6625
Burny, A. 7353
Burow, M. D. 4079
Burr, B. 250
Burr, F. A. 250
Burr, T. J. 10706
Burrell, M. M. 3788, 3799, 7225, 9502
Burridge, J. A. 9371
Burritt, D. J. 7182, 12511
Burrus, M. 4059
Burson, B. L. 3663, 4777
Burtin, D. 2844
Burton, J. W. 1494, 2425, 6026, 8280, 11526
Burton, S. K. 12500
Buryanov, Y. I. 6484
Busbice, T. H. 5699
Buscaroli, C. 10662
Busch, L. 8546
Busch, R. H. 6699, 9092-9093, 11233
Busch, W. 1316, 5598, 6667, 8975, 10028
Büschges, R. 6798
Buscot, F. 8929
Busey, P. 8225
Bush, A. L. 4578
Bush, D. R. 1253
Bushnell, W. R. 1342, 9173
Bushreen Jahan 2214
Bushuk, W. 12251
Busk, P. K. 4360, 10160
Busov, V. B. 968
Buss, G. R. 2435
Bussche, G. H. von dem 11979
Busscher, J. 6417
Bussell, W. T. 4975, 7304
Büssis, D. 9503
Buszard, D. 3969, 5116
Butcher, S. M. 3023
Butinar, B. 12757
Butler, A. 3191
Butler, B. 7774
Butler, D. G. 854, 9270
Butler, G. 4504
Butler, L. 321
Butler, L. G. 1388, 3550, 5855
Butler, R. 586
Butler, R. C. 3023
Butler, R. M. 11025
Butnaru, G. 6876
Buto, K. I. 5414
Butorina, A. K. 10956
Butt, A. D. 12121
Büttcher, V. 1564
Butter, N. S. 2902
Butterfass, T. 5983
Butterfield, M. K. 12780
Büttner, G. 4103
Büttner, M. 11195
Buxton, D. R. 1447
Buyser, J. de 10057
Büyükalaca, S. 5054, 5056
Buzunova, I. O. 9824
Buzzell, R. 472
Buzzell, R. I. 10435
Byari, S. H. 2593
Byeon, H. S. 1484
Byeon HakSoo 1484
Byerlee, D. 116
Byers, M. E. 5086
Byers, R. A. 430
Bylich, V. G. 271, 5744
Byoun, C. H. 9654
Byoun ChangHyoun 9654
Byram, T. D. 11102
Byrd, G. T. 9080, 11220
Byrne, D. H. 3039, 6457, 7666, 8829, 12970
Byrne, M. 962-963, 8778
Byrne, P. F. 5841, 6950, 9258-9259
Byrum, J. R. 7148
Byun, M. S. 5432
Byun, S. M. 7218
Byun SiMyung 7218
Caasi-Lit, M. 12400
Caballero, A. 2784, 3151, 4914
Caballero, J. 8461
Caballero, J. L. 6066, 12666
Cabello, F. 12675
Cabezas, M. D. 10829
Cabin, R. J. 4084, 9693
Caboche, M. 2057, 8687, 8696, 9018-9019, 9742, 10853
Caboni, E. 10641, 11783
Cabral, F. 6885
Cabrera, A. 6836
Cabrera, E. 5283
Cabrera-Ponce, J. L. 7305, 9641
Čačić, N. 2821, 12796
Cadalen, T. 6703
Caderas, D. 4111
Cadic, A. 7657, 10997
Cadle, M. M. 7979
Cadwallader, G. 9531
Caemmerer, S. von 4262
Caetano-Anollés, G. 4252, 5526, 5962, 9400, 11519
Cagáň, L. 5838
Cagaš, B. 3654
Cagelli, L. 2941, 2945
Çağirgan, M. I. 3374
Çağlar, G. 2647
Cahoon, E. B. 3024
Cahoon, G. A. 3980
Cai, A. P. 10419
Cai, D. 6305
Cai, F. G. 7
Cai, G. 3274, 9069
Cai, G. H. 5872
Cai, H. W. 5177, 12382
Cai, J. 6226
Cai, L. W. 9761
Cai, M. 829
Cai, Q. H. 3591
Cai, R. X. 3941
Cai, S. B. 169, 9128
Cai, S. H. 2590
Cai, S. X. 336
Cai, W. J. 4709
Cai, W. M. 1129
Cai, X. J. 12650
Cai, X. N. 1626, 8149
Cai, Y. F. 7596, 7607
Cai, Y. L. 1366
Cai, Y. S. 1635, 7273
Cai, Y. Z. 7
Cai, Z. H. 1712, 3112, 6529
Cai AiPing 10419
Cai FuGen 7
Cai GuoHai 5872
Cai HongWei 12382
Cai HuaiWu 5177
Cai Jing 6226
Cai LiWang 9761
Cai Ming 829
Cai QiHua 3591
Cai RuXi 3941
Cai ShanXin 336
Cai ShaoHua 2590
Cai ShiBin 169
Cai WeiJuan 4709
Cai WeiMing 1129
Cai XiaoNing 1626, 8149
Cai XiJun 12650
Cai YiLin 1366
Cai YingFan 7596, 7607
Cai YiZhong 7

Cai YueSong 7273
Cai ZhaoHui 3112
Cai ZhuHu 1712
Caillaud, C. M. 186
Cailloux, F. 2920, 11915
Caimi, P. G. 10860
Cain, A. H. 10843
Cairney, J. 9322, 12416
Cairns, A. J. 10344
Caissard, J. C. 28, 6545
Cajiao, C. 1514
Çakmak, İ. 154-155, 3352, 4506, 12212
Calamassi, R. 4167
Calatayud, P. 6100
Calatayud, P. A. 12060
Caldeira, M. T. 1364
Calderé, F. G. 1648
Calderini, D. F. 10049
Calderini, O. 1442, 2396, 5975
Calderon, A. 1032
Calderón, A. A. 782
Caldwell, T. 10957
Calestani, C. 5599
Calfee-Richardson, L. 11519
Calhoun, D. S. 2881, 2896, 5259, 10871
Calhoun, S. 2889
Caligari, P. D. S. 400, 4020, 8036, 9775, 10116-10117, 11863
Calinski, T. 4601
Call, N. M. 2404, 5987-5989
Callac, P. 8931
Callahan, A. 744, 5112
Callahan, A. M. 6197
Callahan, H. S. 9038
Callahan, L. M. 5962
Callan, K. L. 9547
Callard, D. 3229
Callaway, A. 4431
Calle, F. 10554
Callebaut, I. 3308
Calleberg, E. K. 8386
Callejas, R. 9887
Callejas, S. 187, 3365-3366
Callewaert, D. 6054
Callis, J. 8997, 11184
Callow, J. A. 12068
Calonje, M. 6554
Calonnec, A. 11295-11296
Calus, A. 4971
Calvente, J. J. 6261
Calvero, A. C. 5935
Calvert, C. 3876
Calvo, E. S. 11525
Calzada, I. 5100
Calzada, J. V. 3269
Calzolari, A. 3337
Camacho, R. 318
Camacho, R. G. 8088
Camadro, E. L. 1641, 3848, 8374
Camara, B. 2600, 6148, 12795
Camara, F. 8403
Camara, T. 296, 5830
Cámara Hernández, J. 10176
Câmara Machado, A. da 671
Camarena, F. 12484
Camargo, A. P. de 7525-7526
Camargo, C. E. de O. 6692, 6696, 6713, 6751-6752, 7032, 7995, 8005
Camargo, L. E. A. 7285
Cambraia, J. 6972
Cambrea, M. 2196
Cambron, S. 6768
Cambron, S. E. 1303, 2204, 5660
Cameron, J. S. 3973
Cameron-Mills, V. 6782
Camilleri, C. 6637
Cammaert, R. 1105
Camp, W. van 4123, 9748, 11892
Campana, M. P. 7525-7527
Campanella, J. J. 3230
Campbell, A. 8352, 10726
Campbell, A. B. 1270
Campbell, A. K. 903
Campbell, C. A. M. 4320
Campbell, C. G. 446
Campbell, C. S. 3943, 9595
Campbell, D. R. 1060, 12990, 12993
Campbell, E. I. 3199
Campbell, G. D. 1589
Campbell, G. L. 3414
Campbell, J. A. 8640, 8646, 8652, 8946
Campbell, L. D. 11315
Campbell, M. M. 12898
Campbell, M. R. 291, 12330
Campbell, P. 5549
Campbell, T. A. 9341
Campbell, W. F. 7083
Campbell, W. H. 10246
Campi, L. 12155
Campillo, E. del 3869
Campion, B. 10579
Campos, F. 4859
Campos, H. 12141
Campos, H. A. 2071
Campos, T. G. da S. 10869
Campos, V. P. 3818, 11655
Camussi, A. 2949
Canada, Agriculture Canada 12297
Canada, Atlantic Corn Hybrid Evaluation Committee 4587
Cánaves, L. 5212
Canaway, P. M. 5956
Cande, W. Z. 262
Candelas, F. G. 4961
Candido, V. 7307
Candilo, M. di 620, 2911, 10591, 11606, 12497
Candresse, T. 12100
Canevascini, S. 4111
Cangi, R. 681
Canio, V. di 2702
Canniatti-Brazaca, S. G. 7195
Cannio, R. 9902
Cano, M. P. 6227
Cano, O. 3724
Canova, A. 2816
Cánovas, F. M. 12894
Cánovas, I. 2623
Cánovas, J. L. 8411
Cant, K. A. 10033
Cantini, C. 9542
Cantliffe, D. J. 3463, 4935
Canto, P. 11005
Canto-Dorow, T. S. do 10368
Cantón, F. R. 12894
Cantone, F. 2122
Cantone, M. T. 2178
Cantoni, L. 5095
Cantor, M. 5416
Cantrell, I. 9167
Cantù, E. 10698
Cao, D. H. 2525
Cao, G. D. 9760
Cao, H. 5570, 11344
Cao, H. J. 11868
Cao, H. P. 269, 645
Cao, H. X. 5878
Cao, H. Y. 12836
Cao, L. Y. 2336, 4715
Cao, M. L. 6722
Cao, M. Q. 1625, 12589
Cao, R. Q. 9880
Cao, S. C. 1635, 1686, 9534
Cao, S. Y. 394
Cao, W. 3341
Cao, W. G. 7950
Cao, X. Z. 4945, 12377
Cao, Y. 169, 9128
Cao, Z. X. 4281, 5241
Cao, Z. Y. 8514
Cao DeHang 2525
Cao GuangDi 9760
Cao HengYun 12836
Cao HePing 269, 645
Cao HuaXin 5878
Cao Hui 5570
Cao HuiJuan 11868
Cao LiYong 2336, 4715
Cao MeiLin 6722
Cao MingQing 1625, 12589
Cao RiQiang 9880
Cao ShiYang 394
Cao ShouChun 1686, 9534
Cao WenGuang 7950
Cao XianZu 12377
Cao XiaoZhi 4945
Cao Yang 169
Cao ZiYu 8514
Cao ZongXun 4281, 5241
Capecka, E. 6103
Capelli, P. 12712-12713
Capiau, K. 9748
Capitanio, R. 2753, 2758, 8548, 10784
Caplan, A. 10312
Caporali, E. 4986, 4988
Capotorti, G. 4063
Cappadocia, M. 533, 6087, 8376, 12721
Capparelli, R. 7309, 12688
Cappellini, P. 3958
Capps, T. K. 10930
Caprari, C. 12094
Capron, G. 4527
Caproni, E. 10043
Capuana, M. 10941
Caputo, P. 5326, 11041
Capy, P. 5589
Carabelli, M. 9985
Caradus, J. R. 434, 436-438, 1451-1452, 1454, 1462, 1468, 3684, 4792, 10376, 11501, 11504
Carafa, A. M. 12587
Caranta, C. 1687, 7332
Carbajal-Carcedo, S. 4989
Carballo Carballo, A. 3467, 5185
Carbonell, E. 3528
Carbonell, E. A. 1662, 4002, 7420, 12609
Carbonero, P. 193, 8037
Carboni, A. 4986, 4988, 8367
Carbonneau, A. 9613
Carbonnier-Jarreau, M. C. 10857
Cárcamo, R. 7241, 10552
Cárdenas, J. 6066, 12666
Cardenas, M. 4225
Cardi, T. 4962, 10543
Cardinali, A. 1544, 10504
Cardineau, G. 2438, 8610
Cardol, E. F. 906
Cardon, G. H. 12150
Cardone, A. M. 2753, 2758, 7893, 7908
Cardoso, A. A. 2826, 9435, 11788
Cardoso, A. I. I. 8415
Cardoso, M. 2918
Cardwell, K. F. 11368
Caredda, S. 407
Carels, N. 10026
Caricato, G. 12756
Carle-Urioste, J. C. 10154
Carlson, G. R. 7915
Carlson, I. T. 6980
Carlson, J. E. 1027, 12900
Carlson, W. 268, 5742-5743, 5746
Carlson, W. R. 9211, 10173
Carman, J. G. 7864, 11240, 11461
Carmello, Q. A. de C. 468
Carmona, E. R. 12790
Carnegie, P. 6597
Carneiro, M. F. 12803
Carneiro, N. 5818-5819
Carneiro, R. G. 895
Carneiro, V. 2086
Carneiro, V. T. de C. 10452
Carnevali, F. 11740
Carnevali, G. 8889-8890
Carney, B. F. 6438
Carney, S. E. 4276
Carnide, V. 6885
Carnide, V. P. 7757
Carnovale, E. 9493
Caro, M. 2719
Carone, F. 7904
Carotenuto, R. 899
Carozzi, N. B. 3187, 6607
Carpena, A. L. 1416
Carpenter, A. C. 11539
Carpenter, R. 1073, 1963, 4405
Carpenter, T. B. 5539
Carpenter, T. L. 3126, 7732
Carpin, S. 1985
Carputo, D. 2484, 7227, 10543, 12202
Carr, D. E. 8831, 12982, 12988
Carr, J. 8644
Carr, M. K. V. 4106, 12802
Carr, S. J. 10392
Carr, S. M. 9532
Carr, T. H. 6639
Carr, T. W. A. 8619
Carrão-Pinizzi, M. C. 7151
Carratù, G. 12587
Carrayol, E. 3863, 11524, 12816
Carré, I. A. 3237
Carré, S. 12478
Carreel, F. 10719
Carreira, L. M. M. 1100
Carreño, J. 10701
Carrera, A. D. 10789
Carrera, E. 6086
Carrier, D. J. 10972
Carriere, A. 4301
Carrillo, C. 3310
Carrillo, J. M. 153, 1272, 4498, 8029
Carrillo A., R. 3506
Carrington, J. C. 7565
Carrise, O. 3969
Carroll, B. 593
Carron, M. P. 8773, 9781
Carroni, A. M. 1466
Carrubba, A. 7710, 7719, 7731, 7734, 10783, 11078
Carsky, R. J. 323
Carson, D. 9694
Carstens, K. 799, 12694-12695
Cartea, M. E. 4593
Carter, J. C. 2875, 8720, 8727
Carter, S. 13020-13021
Carter, T. E., Jr. 1494, 1499, 2432, 3709, 4821, 7142, 11526
Carthew, S. M. 4224, 12170
Cartinhour, S. W. 11124
Cartini, S. 10524
Cartwright, R. D. 8176
Cartwright, R. E. 5937
Caruso, S. 7375
Caruso, T. 2733, 10686
Carvajal, J. 3522
Carvalho, A. 7554
Carvalho, A. M. 10287
Carvalho, A. M. de 12888
Carvalho, C. G. 7240
Carvalho, C. H. S. 281
Carvalho, D. 6552
Carvalho, F. I. F. de 2752, 3395-3396, 8053, 9182, 10077
Carvalho, J. M. F. C. 10876
Carvalho, L. J. C. B. 10066
Carvalho, L. P. de 939, 2903, 9768, 10867, 10869, 10879-10880
Carvalho, M. A. 10390
Carvalho, M. T. V. 8301
Carvalho, V. 6833, 6867
Carvalho Niebel, F. de 426
Carver, B. F. 2425, 5642, 10074
Carver, M. F. F. 2228
Cary, T. R. 7129-7132
Casacuberta, J. M. 4592, 6333
Casadei, R. 5121
Casado, D. 10096
Casado, R. 5166
Casal, J. J. 6328, 9043
Casali, P. E. 4996
Casali, V. W. D. 7426, 9647
Casals, C. 3959
Casañas, F. 2274
Casanova López, R. 2666
Casarini, B. 2911
Casarini, E. 9233
Caselli, S. 4073, 12760
Cashmore, A. R. 2085, 4409, 6645, 8995

Casler, M. D. 3669
Caso, O. 10229
Casper, R. 922, 7062
Cass, D. D. 10188-10189
Cassava Biotechnology Network 4387
Cassells, A. C. 6438, 8507
Castagna, R. 6704, 9098
Castagnaro, A. P. 10827
Castagnoli, M. 7374, 7377
Castagnone-Sereno, P. 1645
Castaldo, D. 5023
Castañeda, G. C. 6047
Castañeda, W. 5873
Castaño, C. I. 4998
Castaño, F. 1805
Castell, A. G. 6017
Castellan, L. 5268
Castellanos, J. Z. 6044
Castelli, F. 899
Castelli, S. 5714, 5789
Caster, B. 9978
Castiglione, S. 969, 2319
Castiglioni, P. F. 5788
Castilho, A. 1276, 4475, 6833
Castillo, A. M. 3401
Castillo, B. 7693
Castillo-Acuna, C. 429
Castillo L., J. 3526
Castillo T., R. 12551
Castonguay, Y. 3681, 7105, 7549, 8231
Castrejón S., A. 6897
Castresana, C. 9738
Castro, A. M. 4568
Castro, J. L. 7995, 10261
Castro, J. L. de 6713, 6751
Castro, L. H. S. M. de 7002
Castro, P. 12424
Castro, R. 3484
Castroviejo, M. 1278, 12720
Castroviejo, S. 2465
Casulli, F. 172, 4535
Caswell, D. 4301
Caswell, K. 2165
Catalá, C. 12605
Catalá, M. S. 5061
Cate, C. H. H. ten 2063
Catesson, A. M. 705
Cathala, N. 6643
Catling, P. M. 2696
Cattivelli, L. 1329-1330, 8034
Caubel, G. 429
Caumont, C. 7494
Causse, M. 12158
Cavalcante Alves, J. M. 12566
Cavalli-Molina, S. 1492
Cavallini, A. 10172, 10351, 12168, 12744
Cavallo, C. 11828
Cavallotti, A. 9683
Cavanni, P. 5123
Cayón S., G. 9631
Cayouette, J. 2696
Cázares-Enríquez, B. 6048
Cearley, J. A. 10536
Ceballos, H. 302, 2280, 3446, 3475, 3516
Cebrat, J. 5182
Ceccarelli, M. 10351
Ceccarelli, S. 217, 1153, 4361, 6772, 11313
Cecchi, V. 7900
Cecchini, M. 2811, 10836
Ceci, L. R. 1799, 10785
Cecich, R. A. 10894, 10907
Cejudo, F. J. 4818, 5540
Çelik, F. 11685
Çelik, T. A. 204
Celiz, A. 3513, 3525
Cella, R. 7237, 10548, 10914
Čellárová, E. 12034
Cellinese, N. 8397
Cellini, F. 10611
Cen, Y. Q. 9805
Cen YiQun 9805
Ceoloni, C. 6841, 12202
Ceravolo, L. 7415
Cerceau-Larrival, M. T. 10857
Cerdán, P. D. 6328
Cerezal, P. 3959
Cerff, R. 3844
Cerna, F. J. 12468
Černe, M. 431
Černý, J. 2218, 3330, 9126, 10064, 11261
Ceroni, M. 10910, 11931
Cerović, S. 6234, 6238
Cersosimo, A. 3981
Cerutti, M. 6628
Cervera, M. T. 1884, 4170, 12878
Cervigni, G. D. L. 120
Cervone, F. 12094, 12496
Česnienė, T. 12293
Céspedes P., L. M. 3520, 3523, 4327-4328
Ceulemans, R. 4173
Cevallos E., J. 12704
Cha, T. H. 5807
Cha TaeHun 5807
Chaanin, A. 1923
Chabbert, B. 9789, 10202, 10918, 12874-12875
Chabbouh, N. 3986
Chabosseau, J. M. 7071
Chabrillange, N. 7555
Chacón, M. I. 6037
Chadha, K. L. 1143, 10723
Chadha, M. L. 8414
Chadwick, A. A. 13013
Chae, S. J. 11670
Chae, Y. S. 4008
Chae SuJin 11670
Chae YunSeok 4008
Chagala, E. M. 5313
Chahal, A. S. 12718
Chahal, G. S. 1867-1868, 2360, 12348
Chahal, S. S. 135
Chahota, R. K. 8329, 12512
Chai, M. 2568
Chai, Z. H. 5644
Chai Min 2568
Chai ZhengHua 5644
Chaicharoen, S. 3100
Chaĭka, M. Ts. 5695
Chaillou, S. 9357
Chaiyasut, K. 7858
Chakova, N. N. 3405
Chakrabarti, D. K. 8536
Chakrabarti, S. 10712
Chakrabarti, S. N. 335, 10289
Chakrabarty, B. K. 12639
Chakrabarty, S. K. 7466
Chakrabarty, T. 10934, 10943
Chakraborty, P. 8748
Chakraborty, S. 8682, 12800
Chalak, L. 6209, 9616
Chalet, C. 7075, 8203
Challen, M. P. 5475
Challenger, C. 3074
Chalmers, K. J. 11321
Chałupka, W. 10894, 12896
Chalyk, S. T. 271, 5744
Chamberlain, D. 4336, 5355
Chamberlain, D. A. 5153
Chamberlain, J. R. 980
Chamberland, H. 5028
Chamberlin, M. A. 4842, 8291
Chambers, D. A. 12889
Chambers, P. G. S. 965
Chambliss, O. L. 8351
Chamnongpol, S. 11892
Chamola, R. 7458
Chamovitz, D. A. 1173, 7840, 9944
Champagne, G. 8558, 12724
Champolivier, L. 7477
Chamshama, S. A. O. 1896, 7639
Chan, R. L. 9677
Chan, Y. S. 53
Chan YangSun 53
Chand, H. 9460
Chand, K. 8116, 12245-12246
Chand, L. 11355
Chand, N. 3486
Chand, P. 7187
Chand, P. K. 1743, 5302, 10711
Chand, R. 13030
Chandel, J. S. 5117
Chandel, K. P. S. 7769, 10566, 12682
Chandelier, A. 12904
Chander Kishor 12785
Chandler, C. K. 3936
Chandler, G. T. 1244
Chandler, J. 71
Chandler, J. S. 11184
Chandler, P. M. 6787, 9165
Chandler, V. L. 246, 9231
Chandra, A. 6373
Chandra, D. 8171
Chandra, K. 7030
Chandra, R. 2467, 10487
Chandra, S. 2278, 3879, 10394, 12451
Chandra Deo 1717
Chandrakar, B. S. 12359
Chandran, K. 8604
Chandrappa, H. M. 11070
Chandraprasong, C. 2726
Chandrashehar, T. R. 2919
Chandrashekar, A. 11381
Chandrasiri, P. A. N. 378, 384
Chandravadana, M. V. 4311
Chandreshwar Prasad 7239, 7447
Chanekar, M. A. 2433
Chaney, R. L. 7870
Chang, A. 3582
Chang, C. 9007
Chang, C. C. 7583, 10293
Chang, C. W. 11178
Chang, C. X. 4938
Chang, F. C. 13009
Chang, H. T. 6440
Chang, J. H. 5040
Chang, K. C. 2450, 8300
Chang, L. 8441
Chang, M. C. 7029
Chang, M. U. 920
Chang, P. F. L. 4125, 11897
Chang, R. Z. 3698, 12465
Chang, S. 12416
Chang, S. H. 3593
Chang, S. J. C. 6020, 9408-9409, 10431, 11541
Chang, S. T. 1126, 7748
Chang, T. W. 9626
Chang, W. 8347
Chang, X. P. 6753
Chang, Y. D. 599
Chang, Y. M. 6120
Chang, Y. S. 1830, 10825
Chang ChienWei 11178
Chang ChingChuan 10293
Chang FaCheng 13009
Chang HungTa 6440
Chang Lei 8441
Chang MenChi 7029
Chang MooUng 920
Chang RuZhen 3698, 12465
Chang TangWei 9626
Chang XiaoPing 6753
Chang YihShiow 10825
Chang YouMing 6120
Chang YoungDuck 599
Changtragoon, S. 13048
Channakrishnaiah, K. M. 10791
Channamma, L. 5866
Chanselme, J. L. 11907
Chantre, G. 11938
Chao, A. 9008
Chao, G. 4389
Chao, L. 11212
Chao, S. 5953
Chao, S. M. 1357
Chao, W. S. 2572
Chao Lin 11212
Chao ShiaoMan 1357
Chaos, Á. 2957
Chapman, C. G. D. 3161
Chapman, D. F. 10376, 11504
Chapman, L. S. 8622
Chapman, S. C. 277, 303, 6970, 10253-10254
Chapman, S. N. 11154
Chapnik, A. 12701
Chapple, C. 8990, 9012, 12149
Chapple, C. C. S. 46
Chapuset, T. 8756, 8764
Chaput, M. H. 3125
Char, B. R. 5766, 7856
Charcosset, A. 3247, 5760, 12308
Charest, P. J. 7646, 12890
Charest, P. M. 4204
Charles, C. 9730
Charles, G. 8747
Charles, R. 2458, 7077, 7165
Charlesworth, D. 6531
Charlton, S. 7745
Charlwood, B. V. 6361
Charmet, G. 1429, 1432, 11464
Charmetant, P. 11870
Charne, D. 12724
Charnov, E. L. 101
Charon, C. 11497
Charpentier, J. P. 12712
Charrier, A. 8068, 8089, 10844
Chartier-Hollis, J. M. 4245, 12930
Chase, C. 5750
Chase, K. 2421, 10401
Chase, M. R. 4183
Chase, M. W. 13016
Chase, R. W. 6078
Chastelliere, G. 734, 737
Chat, J. 5132
Chatani, K. 1052, 12827
Chatibi, A. 12592
Chatrath, R. 9129
Chatterjee, A. 4092
Chatterjee, M. 1071, 3232, 8856
Chatterjee, R. 1232
Chatthai, M. 10981, 12909
Chattopadhyay, A. 1542
Chattopadhyay, M. K. 10335
Chattopadhyay, P. 10329
Chaturvedi, B. K. 5637
Chaturvedi, R. 2469
Chaturvedi, S. 4353
Chaubet, N. 10854
Chaudhari, F. P. 1828
Chaudhari, S. M. 1750, 4010
Chaudhary, B. D. 2189
Chaudhary, B. S. 8620, 10824, 12781
Chaudhary, D. N. 12768
Chaudhary, H. B. 9157
Chaudhary, H. K. 4892, 10516, 12245, 12494
Chaudhary, J. P. 2797, 4094
Chaudhary, L. B. 4803
Chaudhary, M. F. 1571, 4916
Chaudhary, M. T. 11500
Chaudhary, R. C. 332
Chaudhary, R. N. 2365
Chaudhary, S. M. 800, 807
Chaudhary, S. P. S. 9672
Chaudhary, V. K. 4193, 4695, 4721
Chaudhuri, P. 4557
Chaudhuri, S. 2833
Chaudhuri, S. K. 11628
Chaudhury, A. M. 4403, 9034
Chaufaux, J. 12828
Chauhan, G. S. 2427
Chauhan, J. S. 381, 389, 8145, 10337, 12384
Chauhan, K. C. 12494
Chauhan, K. P. S. 3832, 9180
Chauhan, L. S. 10779
Chauhan, M. P. 2464, 8325
Chauhan, N. S. 1154
Chauhan, R. S. 179
Chauhan, S. K. 1899, 5296
Chauhan, S. P. 13023
Chauhan, S. V. S. 11949
Chauhan, V. S. 381, 12384
Chauhan, Y. S. 510, 3772, 4881-4882, 4968, 7459, 7478, 11576-11577
Chaumont, F. 56
Chaurand, M. 1373
Chaurasia, O. P. 2466
Chauveau, F. 12904
Chauvin, L. P. 6750
Chauvin, R. L. 8392
Chavan, A. S. 11589
Chavan, L. S. 11493
Chavan, S. A. 11404

Chavan, V. W. 1289-1290, 6733
Chavanne, E. R. 8630
Chavarria, R. 4978
Chavarriaga, P. 12561
Chave, J. W. 8616-8618
Chaverra, M. E. 4574
Chaves, G. M. 2829
Chavez, L. 10554
Chávez A., A. 3441
Chávez C., A. 3441
Chawla, V. 2199
Cheah, K. T. 11897
Cheah, S. C. 5189
Chebotar', A. A. 3099, 5737
Chebotar', L. L. 7544
Chebotar', O. D. 271
Chee, P. P. 7651
Cheek, M. 11056
Cheema, G. S. 1277
Cheeroo-Nayamuth, F. 12784
Cheesbrough, T. M. 9242
Chełkowski, J. 5684, 10084, 11284, 11364, 11366
Çhen, B. Y. 4701, 7270, 8563, 9700, 11806
Chen, C. 5953, 10158, 12337, 12339, 12874
Chen, C. C. 7574
Chen, C. H. 140
Chen, C. L. 769, 2746, 2824, 3594, 9293
Chen, C. Q. 4542
Chen, C. S. 2308, 2383
Chen, C. X. 12207
Chen, C. Y. 7482, 12339
Chen, D. 3637
Chen, D. F. 1876
Chen, D. M. 6375
Chen, D. X. 9274
Chen, E. 9004
Chen, F. 8568, 11316
Chen, F. X. 9661, 12585
Chen, G. 7274
Chen, G. B. 6309
Chen, G. L. 12395
Chen, G. P. 9767
Chen, G. Q. 2705
Chen, G. Y. 4992
Chen, H. 3588, 4624, 4674, 10444
Chen, H. B. 5503
Chen, H. C. 6314, 7552
Chen, H. L. 2273
Chen, H. M. 2164, 3661
Chen, H. R. 10618, 12624
Chen, H. X. 1827, 8181
Chen, J. 3392, 7652, 11757
Chen, J. C. 363, 7245, 8998, 9186, 9282, 9522
Chen, J. F. 2646
Chen, J. J. 2092
Chen, J. P. 3392
Chen, J. Q. 6226
Chen, J. T. 12593
Chen, J. W. 140
Chen, J. Y. 10714
Chen, J. Z. 6179
Chen, K. R. 12766
Chen, L. 1775, 6310, 8900
Chen, L. B. 3596
Chen, L. F. O. 492, 1402
Chen, L. J. 4682
Chen, L. N. 11432
Chen, L. S. 1253
Chen, L. W. 2873
Chen, L. X. 11462
Chen, L. Y. 2565
Chen, L. Z. 600
Chen, M. 9087
Chen, M. H. 4546, 10309
Chen, M. J. 7749
Chen, M. L. 4674, 12726
Chen, M. S. 4673, 10029
Chen, M. Y. 7062
Chen, N. H. 4462
Chen, P. 3594
Chen, P. D. 413, 4483, 9114
Chen, P. S. 8292
Chen, P. W. 4682
Chen, Q. 1300, 5163, 12711
Chen, Q. D. 5644
Chen, Q. F. 362, 5896, 10649, 11414
Chen, Q. H. 649, 2654, 2658, 10674
Chen, Q. L. 1700
Chen, Q. S. 2134, 12243
Chen, Q. Y. 791
Chen, R. J. 3691
Chen, R. K. 9700-9701, 11862
Chen, R. M. 2215, 3592
Chen, R. X. 12843
Chen, RuKai 11862
Chen, S. 8260, 9767, 10158
Chen, S. B. 2413
Chen, S. C. 3998, 8768
Chen, S. C. G. 492, 1402
Chen, S. D. 11424
Chen, S. H. 10307
Chen, S. J. 4152
Chen, S. K. 476, 10631
Chen, S. L. 415, 3335
Chen, S. N. 9308
Chen, S. R. 7273
Chen, S. Y. 9419
Chen, T. C. 7616
Chen, T. H. 4194
Chen, T. H. H. 5278
Chen, W. F. 2341, 3574
Chen, W. J. 7591
Chen, W. L. 3748
Chen, W. Q. 4389
Chen, W. S. 1995, 12585
Chen, X. 394, 1397, 8282, 8288, 9284
Chen, X. F. 4824, 6314, 7029, 7552, 10404
Chen, X. G. 10750
Chen, X. H. 3319, 5623, 7026
Chen, X. L. 2326, 2332, 2694, 10300
Chen, X. M. 6686, 12767
Chen, X. Q. 2746, 5050-5051
Chen, X. R. 4083
Chen, X. W. 1876, 2590, 5010
Chen, X. Y. 2872, 4136, 4663, 6222
Chen, Y. 460, 826, 969, 2318, 3585, 4136, 4146, 4681, 5577, 10341, 12475
Chen, Y. D. 1624
Chen, Y. F. 5901, 5926
Chen, Y. H. 1830, 5582
Chen, Y. L. 9505
Chen, Y. M. 7245, 9522, 11899
Chen, Y. M 12634
Chen, Y. P. 1611, 9760
Chen, Y. Q. 7462, 12729
Chen, Y. R. 139, 3313, 12235
Chen, Y. S. 7472
Chen, Y. W. 3698, 4984
Chen, Y. Y. 10618, 12624
Chen, Y. Z. 3628, 4736
Chen, Z. G. 7418, 11770
Chen, Z. H. 5582, 10990
Chen, Z. J. 2735, 9656, 10407
Chen, Z. L. 929, 3587, 4683, 7062, 7327, 9284, 12362
Chen, Z. M. 360, 3592, 4687, 6314, 7552, 9288
Chen, Z. Q. 336, 5872
Chen, Z. S. 1972, 3998
Chen, Z. T. 4125
Chen, Z. W. 1689
Chen, Z. X. 358, 2567, 9714, 10312, 11135
Chen, Z. Y. 4146, 4281
Chen, Z. Z. 6366
Chen BaoYuan 4701
Chen BinYan 9700
Chen CaiLin 2746
Chen CaiYen 7482
Chen ChangLi 3594, 9293
Chen Cheng 10158, 12337, 12339
Chen ChiaSheng 2308, 2383
Chen ChuanQuan 4542
Chen ChunHong 140
Chen ChunLin 2824
Chen ChunXian 12207
Chen ChunYen 12339
Chen CueiLian 769
Chen DaoMing 6375
Chen DeFu 1876
Chen FengXiang 9661, 12585
Chen FureChyi 12980
Chen Guang 7274
Chen GuangYu 4992
Chen GuiQing 2705
Chen GuoBen 6309
Chen GuoPing 9767
Chen HaiLin 2273
Chen HaiRong 10618, 12624
Chen HaiXin 8181
Chen HeXing 1827
Chen Hong 3588, 4674, 10444
Chen HuaBang 5503
Chen HuaCai 6314, 7552
Chen HuiMin 2164, 3661
Chen JenChih 7245, 9522
Chen JiangZhong 6179
Chen JianYe 10714
Chen JiaWang 140
Chen Jie 7652
Chen JuJiun 2092
Chen JunQiu 6226
Chen JyChian 363, 8998, 9186
Chen JyhCheng 9282
Chen KunRong 12766
Chen LanZhuang 600
Chen Li 1775
Chen Liang 6310
Chen LiangBi 3596
Chen LiangJwu 4682
Chen LingNi 11432
Chen LiShan 1253
Chen LiWei 2873
Chen LiXue 11462
Chen LongFang 492
Chen LongFong 1402
Chen LongYing 2565
Chen ManLing 12726
Chen MeiLing 4674
Chen MingHui 4546, 10309
Chen MingJie 7749
Chen MingSheng 4673, 10029
Chen NingHui 4462
Chen PeiDu 413, 4483, 9114
Chen PengWen 4682
Chen Ping 3594
Chen PinSan 8292
Chen Qi 5163, 12711
Chen QiangSheng 2134, 12243
Chen QiFeng 5896, 10649, 11414
Chen QiLing 1700
Chen QinDi 5644
Chen QingHong 10674
Chen QingHua 649, 2654, 2658
Chen QiuFang 362
Chen QuanYou 791
Chen RuiXiang 12843
Chen RuJin 3691
Chen RuKai 9700-9701
Chen RuMei 2215
Chen RuMing 3592
Chen ShanChun 3998
Chen ShanNa 9308
Chen ShaoDong 11424
Chen ShaoJun 4152
Chen ShenKuan 476
Chen ShiLiang 3335
Chen ShiRu 7273
Chen Shou 8260
Chen ShouCai 8768
Chen ShouLiang 415
Chen ShouYi 9419
Chen Shu 10158
Chen ShuChen 492, 1402
Chen ShuKun 10631
Chen ShunHui 10307
Chen SiBao 2413
Chen Song 9767
Chen TeChao 7616
Chen TianHua 4194
Chen WanJie 7591
Chen WeiLiang 3748
Chen WeiSheng 12585
Chen WenFu 2341, 3574
Chen WenQiong 4389
Chen WenSheng 1995
Chen XianFeng 10404
Chen XiaoLing 2332
Chen XiaoMei 12767
Chen XiaoYa 4136
Chen Xin 8282, 8288, 9284
Chen XinMin 6686
Chen XinWei 2590, 5010
Chen XinYun 6222
Chen Xiong 394
Chen XiongFong 7029
Chen XiongHui 7026
Chen XiuLan 2694
Chen XiuLi 10300
Chen XiWen 1876
Chen XueFen 6314, 7552
Chen XueGuei 10750
Chen XueHui 3319, 5623
Chen XueLiang 2326
Chen XueQun 2746, 5050-5051
Chen Yan 826
Chen Yi 460, 12475
Chen YihMing 7245, 9522
Chen YiHua 5582
Chen YiLi 9505
Chen Ying 969, 2318, 4681, 5577
Chen YiPing 9760
Chen YiWu 3698
Chen YiZhu 3628, 4736
Chen Yong 10341
Chen YongSheng 7472
Chen YouYuan 10618, 12624
Chen Yuan 4136
Chen YuanMin 12634
Chen YuDi 1624
Chen YuPing 1611
Chen YuQin 7462
Chen YuQing 12729
Chen YuRong 139, 3313, 12235
Chen ZennZong 6366
Chen ZhangLiang 929, 3587, 4683, 7327, 9284, 12362
Chen ZhengHai 10990
Chen ZhengHua 5582
Chen ZhengMing 3592
Chen ZhenGuang 7418, 11770
Chen ZhenSheng 1972
Chen ZhenWu 1689
Chen ZhiJian 10407
Chen ZhiQian 5872
Chen ZhiQiang 336
Chen ZhiXi 2567
Chen ZhiXiang 9714, 10312, 11135
Chen ZhongMing 360, 9288
Chen ZhongYing 4281
Chen ZhuJun 2735
Chen ZhuSheng 3998
Chen ZongMao 6314, 7552
Chen ZongXiang 358
Chen ZuTang 4125
Cheng, B. F. 7270, 8563, 11806
Cheng, B. S. 2254
Cheng, C. L. 6649, 9016
Cheng, H. 2825, 9710
Cheng, H. Y. 11837
Cheng, J. 6903, 11176
Cheng, K. T. 11060
Cheng, M. 10806
Cheng, M. C. 492, 1402
Cheng, M. H. 664, 1723, 3934
Cheng, P. C. 9214, 10205
Cheng, Q. 10296
Cheng, R. K. 9699
Cheng, R. M. 5668
Cheng, S. H. 4725, 7023, 11412
Cheng, S. N. 7054
Cheng, X. Z. 7203
Cheng, Y. D. 10750
Cheng, Y. H. 7424
Cheng, Y. K. 2308, 2383
Cheng, Y. L. 3118
Cheng, Y. S. 10805
Cheng, Z. B. 182
Cheng, Z. K. 358, 2325, 11430
Cheng, Z. M. 5087, 9412, 10930, 11943
Cheng BingSong 2254
Cheng ChiLien 6649, 9016
Cheng Hao 2825, 9710
Cheng HongYan 11837
Cheng Jie 6903
Cheng KurTa 11060

Cheng MingChih 492, 1402
Cheng MingHao 1723, 3934
Cheng MinHao 664
Cheng Qi 10296
Cheng RuKai 9699
Cheng RuMei 5668
Cheng ShanNa 7054
Cheng ShiHua 7023, 11412
Cheng WanHsing 276
Cheng XuZhen 7203
Cheng YaDong 10750
Cheng YaLi 3118
Cheng YanSin 10805
Cheng YingHuey 7424
Cheng YuKuei 2308, 2383
Cheng ZhaoBang 182
Cheng ZhiMing 9412
Cheng ZhuKuan 358, 2325, 11430
Cheng ZiMin 5087
Cheng ZongMing 11943
Chénieux, J. C. 1989, 4211
Cheong, N. E. 8421
Cheong, S. R. 541
Cheong, S. T. 5433
Cheong, Y. K. 6292
Cheong NaEun 8421
Cheong SamTaek 5433
Cheong SeungRyong 541
Cheong YoungKeun 6292
Cheplick, G. P. 10347, 11492
Cheralu, C. 9471
Cherdshewasart, W. 9719
Cheredova, E. P. 8379
Cherian, S. 7202, 10507
Chérifi, K. 5977
Chernakov, V. M. 10060
Cherng, S. J. 8417, 12583
Chernobaĭ, I. G. 2728
Chernousova, N. M. 10232
Chernov, A. A. 10203
Chernyshev, A. T. 7543
Cherry, J. M. 9004
Cherry, R. J. 1044-1045, 3011-3012
Cherubini, M. 6408, 7895
Chesson, A. 110, 6927
Chestnutt, D. M. B. 10346
Chet, I. 5704
Chetelat, R. T. 5030, 10594
Chétrit, P. 4116, 9723, 9725
Chetti, M. B. 8729
Cheung, A. Y. 3266
Cheung, W. Y. 8558, 10764, 12724
Chevalier, C. 9561
Chevalier, F. 6488
Chevalier, G. 11099
Chevallier, M. H. 948
Chèvre, A. M. 1769, 7443, 8564
Chevreau, E. 7364, 7366, 9588
Chhabra, M. L. 7483, 12736
Chhipa, H. P. 11587
Chi, F. X. 6171
Chi FuXi 6171
Chian, R. 11519
Chiang, C. H. 1035
Chiang, C. S. 5565
Chiang, M. S. 12337, 12339
Chiang, V. L. 8796
Chiang ChiaHua 1035
Chiang ChienSung 5565
Chiang MingShu 12337, 12339
Chiaretti, D. 5036
Chiavarino, A. M. 264, 1360, 3461, 10176-10178
Chiba, I. 8185-8186, 10773
Chiba, Y. 10522
Chibbar, R. N. 2165, 2171, 6701, 9089, 10968, 12253
Chidambaram, S. 5858, 10268
Chidichimo, H. O. 8054
Chiesa, A. 2584
Chigwe, C. F. B. 4621
Chikaizumi, S. 2718
Chikkagouda, N. R. 11856
Child, D. V. 7795, 8105
Childs, K. L. 9265
Chillemi, G. 8809
Chilton, M. D. 4385
Chin, E. 5716
Chin, E. C. L. 2251, 5706, 12309
Chin, H. F. 10727
Chin, M. S. 8399
Chin MoonSup 8399
China, Zhejiang Provincial Academy of Agricultural Sciences, Crop Research Institute 6344
Chinea, A. 6300
Chinn, A. M. 3860
Chintu, E. 4646
Chintu, E. M. 4621, 4643
Chiocchia, R. 12597
Chiou, T. J. 1253
Chiou TzyyJen 1253
Chira, E. 4930
Chirwa, P. W. 1478
Chirwa, R. W. 4621
Chishaki, N. 376, 7052
Chisi, M. 1386, 4456
Chitale, M. W. 9359
Chittenden, K. 10298
Chitty, J. A. 4262, 9839
Chiu, S. W. 5476
Chiu, W. L. 6462
Chiu SiuWai 5476
Chiu WanLing 6462
Chiurazzi, M. 3214
Chiusi, A. 5802
Chiusi, A. P. 5762
Chlan, C. A. 11160
Chloupek, O. 441, 2393-2394, 5972, 10109
Chmeleva, Z. V. 6257
Cho, B. S. 9881
Cho, C. 10359
Cho, E. K. 1307
Cho, H. M. 538
Cho, H. S. 561, 9303
Cho, J. H. 8927
Cho, J. T. 1089
Cho, K. J. 9073
Cho, M. J. 2535, 8421, 11405, 12458
Cho, M. R. 6483
Cho, M. S. 1065
Cho, S. H. 11079
Cho, S. Y. 2364
Cho, Y. C. 4667
Cho BooSull 9881
Cho EunKi 1307
Cho HyunMook 538
Cho HyunSuk 561, 9303
Cho JiHyung 8927
Cho JinTae 1089
Cho KyungJin 9073
Cho MooJe 2535, 8421, 11405
Cho MoonSoo 1065
Cho SooYeon 2364
Cho SungHo 11079
Chod, J. 738
Choe, B. H. 12317
Choe, Y. W. 11321
Choe, Z. R. 4576
Choe BongHo 12317
Choe ZhinRyong 4576
Choi, B. H. 9184
Choi, B. J. 1960
Choi, B. S. 4836, 8927
Choi, D. 4129
Choi, D. W. 7723
Choi, E. J. 2585
Choi, H. C. 4746
Choi, J. D. 5432
Choi, J. E. 2585
Choi, J. K. 920, 924, 8989
Choi, K. B. 9881
Choi, K. H. 7218, 10537
Choi, K. J. 2036, 6005
Choi, K. S. 9289, 9842
Choi, S. B. 11079
Choi, S. T. 5433
Choi, S. Y. 3892
Choi, Y. D. 1490
Choi, Y. H. 1490, 9289, 11743
Choi BooSull 4836, 8927
Choi ByeongJin 1960
Choi ByungHan 9184
Choi Doil 4129
Choi DongWoog 7723
Choi EunJoo 2585
Choi JaeEul 2585
Choi JangKyung 920, 924
Choi JoongKook 8989
Choi KeunJin 2036
Choi KwanSoon 9289, 9842
Choi KyungBai 9881
Choi KyungHwa 7218, 10537
Choi KyungJin 6005
Choi SangBong 11079
Choi SangTai 5433
Choi SoonYong 3892
Choi YangDo 1490
Choi YeonHee 1490
Choi YongHwan 9289
Choi YoungHah 11743
Choisne, N. 7566
Chojecki, J. 5673, 10112
Chokyu, S. 6127
Chomet, P. 11339
Chong, D. K. X. 11595
Chong, J. 1343, 4577, 8055
Chono, M. 1706
Choo, T. M. 8027
Choong, C. Y. 5190
Chopra, S. 293, 5709, 5770, 5772
Chopra, V. L. 8561, 11800
Chorlton, K. H. 4771, 8189
Chory, J. 3232, 5546, 8978, 9008, 9011, 10023, 12147
Chou, H. P. 6921
Chou, J. C. 4999
Chou, T. W. 11060
Chou TsueWei 11060
Choubey, P. C. 3123
Choubey, R. N. 12299
Choudens, C. de 11938
Choudhary, B. R. 8362-8363
Choudhary, B. S. 3613
Choudhary, D. N. 3914
Choudhary, N. R. 3748
Choudhary, O. P. 11317
Choudhary, R. C. 10886
Choudhery, M. H. 4505
Choudhury, D. 6256
Choudhury, P. K. D. 8169
Chougule, A. B. 3830
Choukan, R. 9239, 9396
Chourey, P. S. 276
Chow, C. M. 5475
Chow, W. S. 9014
Chow CheokMan 5475
Chow WahSoon 9014
Chowdhury, A. K. 2662
Chowdhury, A. R. 3116
Chowdhury, D. 1673
Chowdhury, J. B. 7289, 7435, 7444, 7484, 11811
Chowdhury, M. A. 7117
Chowdhury, M. A. Z. 4076, 5178
Chowdhury, M. K. U. 7498-7499
Chowdhury, P. R. 8748
Chowdhury, R. K. 12731
Chowdhury, V. K. 7435
Chowfla, S. C. 2455, 3742
Chrestin, H. 8758, 12848
Chriqui, D. 28, 5522, 12877
Chrispeels, M. J. 56
Christensen, C. A. 6646
Christensen, J. H. 12874
Christensen, J. R. 11468
Christensen, J. V. 7346, 10678
Christensen, L. P. 7692
Christenson, E. A. 5438, 8885-8887
Christersson, L. 4175
Christey, M. C. 9530
Christian, D. A. 1389
Christians, N. E. 2375
Christiansen, F. B. 1230
Christiansen, H. 3686
Christie, J. M. 1213
Christie, P. 435
Christie, P. J. 11151
Christie, W. W. 9876
Christopher, D. A. 10106
Christopher, M. E. 5826
Christopher, T. 5055
Christou, P. 3172, 3636, 12070
Christov, M. 1802, 1806-1807, 7487, 10822
Chromý, Z. 4524
Chu, A. 6434
Chu, B. 8998
Chu, C. C. 8848, 11995
Chu, C. S. 3590
Chu, N. H. 6620
Chu, Q. R. 355, 5878, 12391
Chu, S. Y. 7542
Chu, X. M. 9880
Chu, Y. P. 1606
Chu ChangShu 3590
Chu ChenCai 8848
Chu NamHai 6620
Chu QiRen 355, 5878
Chu SunYi 7542
Chu XiaoMing 9880
Chu YuPing 1606
Chua, N. H. 53, 76, 596, 907, 3240, 3579, 4406, 4411, 5012, 9040, 10849
Chua NamHai 53, 76, 596, 907, 3240, 3579, 4406, 4411, 5012, 9040, 10849
Chuck, G. 80, 5781
Chueca, M. C. 4569
Chulkina, V. A. 3801
Chulze, S. 5831
Chumak, M. V. 3460
Chun, C. 11440
Chun, J. C. 11449
Chun, J. U. 8024
Chun, P. L. 12310
Chun Chu 11440
Chun JongUn 8024
Chun PingLi 12310
Chung, D. H. 5664
Chung, H. D. 570, 2528, 2618
Chung, H. J. 9082, 10549
Chung, H. Y. 906
Chung, I. K. 1204, 12600
Chung, J. D. 6366
Chung, M. C. 8430, 10304
Chung, O. K. 150, 12254
Chung, T. Y. 4667, 6118, 10575
Chung, W. K. 6005
Chung, W. S. 2535
Chung, Y. Y. 7687
Chung DongHee 5664
Chung HeeDon 570, 2528, 2618
Chung HwaJee 10549
Chung IlKyung 1204, 12600
Chung JengDer 6366
Chung MeiChu 10304
Chung MingChuen 8430
Chung TaeYoung 6118, 10575
Chung WooKyung 6005
Chung WooSik 2535
Chung YongYoon 7687
Chungu, C. 2284, 5834
Chuni Lal 8126, 8329
Chunwongse, J. 12612
Chupeau, M. C. 911, 7302
Chupeau, Y. 7302
Chupov, V. S. 3081
Chura Chuquija, J. 3439, 3526
Churata, B. G. 3478
Church, G. M. 26
Ciaffi, M. 4495
Cialdella, A. M. 2951
Čiamporová, M. 300-301
Cianchi, R. 1092
Cianzio, S. 4864, 9403
Cianzio, S. R. 4813, 4835, 6018, 12468
Cibella, R. 7710, 7719
Ciccotti, A. M. 8513
Ciceri, P. 5789, 6928
Cid, L. P. B. 7619
Cid, R. 2724
Cieminis, K. 11201
Ciepiela, A. 10097
Ciepły, J. 10134
Cierco, C. 5575
Cieślińska, M. 9612
Cieśliński, G. 1256
Cilas, C. 10848, 11870
Cimato, A. 4073
Cinelli, F. 7382

Cinquanta, A. 10590
Cinsoy, A. S. 8331, 11569
Ciocăzanu, I. 8069
Ciofu, R. 4937
Ciompi, S. 8310
Cionini, G. 10172
Cionini, P. G. 10351
Cipriani, G. 9619, 10707, 10709
Ciriciofolo, E. 7907
Cisar, G. 4477
Ciscato, M. 4510
Cisneros, P. 10594
Citernesi, A. S. 12754
Citovsky, V. 2076
Claassen, A. 12263
Claassen, M. M. 1386
Clacher, K. A. 12660
Claeys, M. 5009
Claparols, I. 296, 5830
Clapham, D. 2976, 5321
Clara, M. I. 11825
Clara, M. I. E. 4066
Clare, R. W. 7990
Clark, A. J. 12496
Clark, A. M. 11657
Clark, C. A. 8401
Clark, D. G. 9007, 12920
Clark, D. H. 3662
Clark, I. M. 8926
Clark, J. R. 3967, 7392
Clark, J. Y. 5450
Clark, L. E. 3534
Clark, L. G. 2388, 4759, 11090
Clark, M. S. 4334
Clark, R. B. 9268
Clark, R. L. 5509
Clark, S. E. 3227, 11174, 12143
Clark, S. G. 10379
Clarke, A. E. 2993, 7578
Clarke, D. D. 7792, 10129
Clarke, F. R. 1257, 2154
Clarke, J. D. 5570
Clarke, J. M. 2154, 4525, 6830-6831, 7913
Clarke, M. A. 2785
Clarke, P. J. 6773-6775
Clarke, R. C. 8749-8750
Clarke, R. G. 10349
Clarkson, D. T. 6561
Clarkson, J. D. S. 7880
Claros O., A. 3489, 3505
Claure, T. 3440, 3444, 3479, 3522
Claure Iriarte, T. 3428, 3433
Clausen, A. M. 11483
Clavé, J. 4022
Claveria, E. 12622
Claverie, J. 9599, 11710
Claydon, R. B. 1464
Clayton, D. 9191
Clayton, K. 9375
Clayton, M. R. 10986
Clayton, R. 7770
Clear, R. M. 2174
Cleary, S. P. 9024
Clegg, M. T. 3022, 5580, 11017, 12113
Clément, A. 8774
Clément, C. 8876
Clement, C. R. 10753
Clement, E. J. 1147
Clement, S. L. 8046
Clément-Demange, A. 8755-8756, 12184
Clements, R. J. 9358
Clercq, J. de 4852
Clerget, B. 13057
Clérivet, A. 12091
Clérot, D. 8691
Cleveland, T. E. 11365
Cleyet-Marel, J. C. 12455
Cliff, M. A. 1742
Clifford, H. T. 4760
Clifford, P. T. P. 1461, 10376
Cline, K. 7313
Clithero, J. M. 12596
Clore, A. M. 10236
Close, T. J. 219
Clot-Plumettaz, A. C. 984
Clouse, S. D. 3228
Cloutier, S. 12721
Clucas, E. 5376
Clulow, S. A. 4906
Cluster, P. D. 1079, 1442, 2396, 5413
Clyde, M. M. 5189
Cnops, G. 5552
Coba, T. 11497
Coba de la Peña, T. C. 7103
Cobbett, C. 9009
Cober, E. R. 1486-1488, 9369, 9379, 9384, 11521-11522, 11531
Cobos, S. 12961
Cocchi, M. 2811, 10836
Cocciolone, S. M. 294
Cochard, H. 5290
Cock, J. H. 11857
Cock, J. M. 7279
Cocking, E. C. 10325, 10595
Cockrell, G. 858
Cocks, P. S. 10392
Coco, J. 6828
Codianni, P. 7898, 7904, 8056, 10124
Coe, E. 256, 5723, 5735, 12311
Coe, E. H. 261, 2262, 5800, 5841, 6950, 9258-9259, 11113
Coe, E. H., Jr. 1357
Coego, A. 12790
Coelho de Paula, C. 2447
Coelho Netto, R. A. 486
Coen, E. 1073, 4405
Coen, E. S. 1962-1963, 7685
Coetzee, M. C. B. 146
Coffelt, T. A. 7513
Coffin, R. 530-531
Cognata, U. la 6677
Cohen, A. 6475
Cohen, D. 4277, 6494
Cohen, J. D. 3218
Cohen, M. 11445
Cohen, S. 7336, 8510
Cola, A. di 5239
Colabelli, M. 1805
Colantonio, L. 12688
Colasanti, J. 1216
Colauzzi, M. 10524
Colazo, J. C. 3429
Cole, C. A. 5853
Cole, D. T. 5450
Cole, R. 10582
Cole, W. W. 5424
Cole-Rodgers, P. 11126
Coleman, C. E. 5757, 9225, 10236
Coleman, G. D. 1759, 5278
Coleman, J. R. 1901, 11965
Coleman, M. J. 11196
Colesanti, F. 7896, 7905
Coletta Filho, H. D. 5146
Coletti, A. 7890, 7911, 10784
Colgan, D. J. 9057
Colijn-Hooymans, C. M. 2493
Colla, P. H. W. N. 8377
Collada, C. 5166
Collado, L. S. 12567
Collar, J. 12424
Collicchio, E. 10454
Collin, H. A. 1445, 10585
Collin, J. 6896
Collinge, D. B. 6797
Collinge, M. 9031
Collins, A. J. 7925
Collins, G. B. 6009, 6624, 12825-12826
Collins, G. G. 1601, 12925
Collins, H. 2904
Collins, I. 12977
Collins, J. K. 5813
Collins, W. J. 10381
Collins, W. W. 10563
Collmer, A. 85
Colombia, Centro de Investigación de la Caña de Azúcar de Colombia 1836
Colombo, L. 5124, 6682, 9849
Colombo, N. 2150
Colon, L. T. 4934
Colonna, N. 2384
Colot, V. 6708
Colowit, P. M. 2316
Colson, M. 6545
Colvin, D. L. 11842
Comai, L. 3860
Comas, C. 10243
Combes, M. C. 10844
Combes, V. 4429
Combs, D. K. 3669
Comeau, A. 6896
Comella, P. 9966
Comellia, P. 11168
Commandeur, J. 4132
Commandeur, P. 3159
Commandeur, U. 4132, 9754
Commercial Grower 4384
Comps, B. 6371
Compton, J. A. 5462
Compton, S. G. 4330
Comstock, J. C. 876-877, 883
Concari, L. 2122, 7892, 7910
Concepción, O. 798
Concibido, V. 458
Concibido, V. C. 6024-6025
Concilio, L. 2818, 12097
Conconi, A. 611
Conda, C. R. 9482
Cone, K. 9236
Cone, K. C. 5777
Confalonieri, M. 10914
Confalonieri, V. 10243
Cong, J. S. 10919
Cong JinShan 10919
Conger, B. V. 3554
Conklin, P. L. 83
Conlan, S. 6708
Conner, A. J. 4985, 4992, 7236
Conner, J. A. 8567
Conner, J. K. 4942, 7253, 9527
Conner, P. J. 10652, 10660
Conner, R. L. 1300
Conner, T. W. 7314
Connolly, E. L. 6647
Connolly, T. 8036
Conrad, U. 11889
Conran, J. G. 5359, 8903, 12925
Conrath, U. 8702, 11135
Consoli, L. 2408
Consonni, R. 4069
Constabel, F. 9679
Constable, G. 8747
Conte, L. 11078
Conte, L. S. 4070
Conti, D. 2753, 2758, 6954, 7893, 7908
Conti, S. 2265, 9233-9234, 10591
Contillo, R. 899
Contoli, S. 7892, 7910
Converso, R. 7911
Cony, M. A. 7630
Cook, B. G. 443
Cook, C. G. 5266-5267
Cook, D. 9347
Cook, D. R. 5980
Cook, R. K. 3232
Cook, R. T. 2203
Cooke, D. E. 7113
Cooke, J. 10005
Cooke, R. 8999, 9965-9966, 11168
Cooke, R. J. 5173
Cooke, T. J. 3218, 7178
Cooley, J. C. 3636
Coomber, S. 6361
Coombes, A. J. 12912
Coombes, N. E. 4539
Cooney, S. 41
Cooper, D. N. W. 7745
Cooper, G. S. 1910
Cooper, H. B., Jr. 2867
Cooper, K. 6691
Cooper, M. 6, 11, 13-14, 160-162, 208, 320, 368, 1149, 4345, 4630, 6959, 6970-6971, 6973-6974, 7946, 8659
Cooper, N. F. 1910
Cooper, P. 9236
Cooper, R. L. 10442
Cooper, W. 7315
Coors, J. 3470-3471
Coors, J. G. 1370-1371, 5759
Coote, J. N. 9367
Coppens d'Eeckenbrugge, G. 4341
Coppey, G. 8427
Coppolino, F. 172, 2196
Copsey, L. 1073
Corato, U. de 8749
Corazza, L. 173, 10043
Corazza-Nunes, M. J. 6530
Corbaz, R. 3883
Corbellini, M. 8056
Corbet, S. A. 12175
Corbett, G. 7018
Corcuera, V. R. 274, 3485, 10138, 10215, 10233
Cordeiro, A. 9942
Cordeiro, A. R. 4935
Cordeiro, Z. J. M. 9625, 9633
Cordewener, J. H. G. 1785
Cordonnier-Pratt, M. M. 5015, 9265, 9555, 10600
Córdova, H. 3436
Córdova, H. S. 5825
Cordts, J. 744
Ćorić, T. 5804-5805
Corke, H. 2173, 11453, 12252, 12567
Corley, R. H. V. 7500
Cornelius, J. 1030
Cornelius, J. P. 2953
Cornelius, P. L. 5604, 8962, 12166
Corniquel, B. 11778
Cornu, A. 2836
Cornu, D. 9789, 10918, 11975, 12874-12875, 12880
Corona, R. M. C. 589, 3068
Corre, F. 1273
Corre, V. le 11927
Corrêa de Faria, J. 9436
Correa-Victoria, F. 11433
Corrias, B. 1092
Corsini, P. C. 3497
Corsten, S. 866
Cortazar Ríos, M. 3353
Cortázar S., R. 1266
Cortés, A. 2142
Cortez, M. J. 6776
Coruzzi, G. 9044
Coschigano, K. 9044
Cosío, F. 8010
Coşkunçelebi, K. 6924
Cosmin, O. 8101
Cosquero, P. A. 12495
Cossée, B. 9320
Cosset, A. 2086, 8372
Cosson, P. 6615
Costa, D. M. da 3785
Costa, E. 2495
Costa, G. 8495, 10707
Costa, I. T. da 10816-10818
Costa, J. 5042, 5061
Costa, J. G. C. da 487, 1517-1518
Costa, J. N. da 2903, 10867, 10880
Costa, S. 10548
Costa de Macedo, C. 9307
Costa Neto, F. V. 2877
Costache, C. 5428, 5435
Costache, M. 5428, 5435, 6144
Costacurta, A. 2700, 12901
Costamilan, L. M. 471
Costantino, P. 5239, 6329, 9716
Costello, T. A. 5907
Coster, H. G. L. 11818
Costică, N. 9590
Cota, J. H. 1096, 6518
Côte, F. 10725
Cottet, A. 2089
Cottone, C. 7309, 12688
Coudret, A. 2920, 11915
Couée, I. 12795
Coughlan, S. J. 4080, 9691, 12771
Coulaud, J. 1954
Coulibaly, N. 10848
Coulombe, B. 8710
Coulombe, B. A. 8745
Coulter, R. M. A. 226-227

Coumans, M. 12269
Coumans, M. P. 2272
Counce, P. A. 3604, 5907
Coupe, S. 1651
Coupe, S. A. 10593
Coupland, G. 77, 82, 4400, 5544, 9024, 9988, 10769
Courtial, B. 6637
Courtois, B. 3602, 8157
Cousens, R. D. 4539
Cousins, G. R. 1462, 10376
Coutinho, J. 6809, 6828, 6866
Coutos-Thevenot, P. 12953
Couturier, C. 9712
Couvet, D. 12177
Couzi, P. 12838
Covello, P. S. 2080
Covey, S. N. 6104, 7812
Coville, J. L. 11237
Cowan, R. S. 982
Cowling, W. A. 1472, 8242-8243
Cox, A. V. 13016
Cox, M. C. 8623-8624
Cox, P. A. 2109
Cox, P. J. 6548
Cox, S. 893
Cox, T. S. 3316, 3354, 5655, 9100, 10082
Cox-Foster, D. 11009
Cox-Foster, D. L. 3024
Coy, A. E. 817, 1258, 6901
Coyne, C. J. 6239
Coyne, D. P. 2452, 3739, 10451, 10460, 10462
Cozzolino, S. 5326, 11041
Craenen, K. 12687
Crafts-Brandner, S. J. 3730
Cragg, C. 6413
Craiciu, D. S. 8596
Craig, R. 3024, 6460, 11009
Craig, S. 7234, 9034
Craigon, J. 11549
Craker, L. E. 11105
Cramer, C. L. 2571, 6056, 11134
Cramer, C. S. 6165
Crane, C. F. 935, 3039, 3269, 6457, 7593, 7666, 8717, 10873
Crane, J. M. 8614
Crane, P. R. 12182
Cranmer, A. M. 12200
Cranston, H. J. 4574
Craufurd, P. Q. 1255, 5849, 9488, 12193
Craveiro, A. A. 4302
Craven, L. A. 13047
Craviotto, R. M. 4838
Crawford, N. M. 5565, 6657, 8700
Crawford, R. L. 3317, 6739
Crea, F. 1442
Crèche, J. 1985
Creech, R. G. 2885
Creelman, R. A. 9051, 11158, 12196
Creemers-Molenaar, C. 3095
Creemers-Molenaar, J. 6502
Cregan, P. B. 1358, 2421, 3898, 6013
Creij, M. G. M. van 6501, 11039
Creissen, G. 3747, 4871, 9048
Cremaschi, D. 2500, 7524, 10884
Crepeau, M. W. 9022
Crescimanno, F. G. 12705
Crespan, M. 2700
Crespi, M. 7103, 11497
Crespi, S. 6338
Crespillo, R. 12894
Crespy, A. 12676
Cress, W. A. 69, 6603
Cresti, M. 3274, 8412, 8695, 9069
Crété, P. 8687, 9730
Cribb, P. J. 1095
Crinò, P. 4879, 5036, 12099
Crippen, D. L. 8176
Crisp, M. D. 1244
Crissman, C. 551
Cristinzio, G. 5136, 12099
Crnobarac, J. 2391
Crochemore, M. L. 7095
Croft, B. J. 8667, 10832
Croix, I. la 1095
Cromwell, E. 1144
Cronberg, N. 12286
Crone, D. E. 3160
Cronk, Q. 12178
Cronn, R. C. 10878
Cros, E. T. du 7627
Cros, J. 11869
Crosatti, C. 1329-1330
Crosbie, G. B. 6746
Crosby, W. L. 6651
Cross, H. Z. 11347
Cross, R. J. 4974
Crossa, J. 303, 5578, 5604, 5761, 5825, 8962, 10253-10254, 11329
Crossley, F. E. M. 5374
Crossman, C. 12612
Croteau, R. 5323
Croughan, S. S. 5963
Crous, P. W. 10081
Crouzillat, D. 10845, 12805
Crow, E. 10393
Crow, G. H. 11315
Crowcroft, G. M. 8191
Crowell, D. N. 48
Crubaugh, L. K. 8457
Cruden, R. W. 12171
Crüger, G. 11519
Crusado, J. 537, 4908
Crush, J. R. 1468, 3684
Crute, I. 2019
Crute, I. R. 1223, 1632, 2043, 8955
Cruz, C. D. 90, 2449, 10322, 10336
Cruz, P. 5212
Cruz, R. 2309, 2784, 5862
Cruz de Carvalho, A. P. A. 6826
Cruz Z., M. 3489
Cruzan, M. B. 5424
Csanádi, G. 3678
Cseke, L. 1067, 5560
Cseko, I. 11083
Cserhalmi, Z. 3756
Cservenka, J. 7689
Csikász, T. 10787
Csillag, F. 11715
Csintalan, Z. 12269
Csizmadia, L. 495
Csoma, E. 698, 11722
Csonka, L. N. 12596
Cuadrado, A. 3418, 6834, 6841, 8028, 8411, 10130
Cuadrado, C. 3312
Cuadrado, M. C. 1345
Cuany, R. L. 6983
Cuartero, J. 5037, 5483, 10334
Cuba, M. 2828, 4108
Cubadda, R. 9136
Cubero, J. I. 480, 3719, 4846, 12961, 12966
Cubillos, A. 10693
Cuccui, I. 6400
Cuéllar, T. 1800
Cuenya, M. I. 8630, 10827
Cuevas P., F. 4730
Cuguen, J. 3692
Cui, B. Z. 12646
Cui, D. Q. 9140
Cui, G. H. 1334
Cui, H. W. 2653, 2655
Cui, H. Y. 5082
Cui, J. L. 9388
Cui, J. Y. 2705
Cui, L. 4575, 10127
Cui, S. M. 12634
Cui, S. P. 3473
Cui, S. Y. 9762
Cui, Y. 5856
Cui, Z. M. 444
Cui BingZhu 12646
Cui DengQun 9140
Cui HongWen 2653, 2655
Cui HuaiYu 5082
Cui JiLin 9388
Cui JingYun 2705
Cui Lin 4575, 10127
Cui ShaoPing 3473
Cui ShiMao 12634
Cui ShiYou 9762
Cui ZhiMing 444
Cukadar-Olmedo, B. 6255, 8592
Culham, A. 11985
Culiáñez-Macià, F. A. 1364, 4859, 9749
Cullimore, J. V. 426, 2446
Cullis, B. R. 8
Culot, A. 970
Culp, T. W. 7588
Cultivar 2246
Culvenor, R. A. 10365
Cumana C., L. J. 10755
Cuming, A. 3146
Cummings, M. P. 12113
Cummins, J. C. 3961
Cummins, J. N. 4341, 10657
Cuñado, N. 187, 1345, 3365-3366
Cundall, E. P. 4020
Cunha-Fernandes, J. S. 8070
Cunneen, T. M. 6478
Cunningham, F. X., Jr. 1209
Cunningham, J. E. 10972
Cunningham, K. W. 2090
Cunningham, P. J. 1431
Cunningham, R. B. 6787
Cuomo, G. 7087
Cuomo, G. J. 5963
Čurn, V. 406, 4051
Currah, L. 8413
Currie, R. S. 5847
Currie, V. 530-531
Curtis, M. D. 6241
Curtis, O. F. 3126, 4306, 7732
Curvo, R. C. V. 4744
Cushman, J. C. 9866
Custers, J. B. M. 1785
Cusumano, J. C. 46, 8990
Cutler, D. F. 10393
Cutler, J. H. 9270
Cutler, S. 41
Cutright, M. T. 3824
Cutrim, V. dos A. 10287
Cyran, M. 3294, 6813, 6879, 10111
Czaja, I. 4119
Czakó, M. 12137, 12811
Czapik, R. 3268
Czapski, J. 5026
Czembor, P. 4904
Czempinski, K. 12125
Czeschin, D. G., Jr. 1803
Czosnek, H. 11262
Czuchajowska, Z. 151
Czukor, B. 3756
Czygan, F. C. 11005
Da, K. D. 3931
Da, L. Z. 2163
Da, S. 6988
Da Anunciação Filho, C. J. 4011, 8538
Da Câmara Machado, A. 671
Da Costa, D. M. 3785
Da Costa, I. T. 10816-10818
Da Costa, J. G. C. 487, 1517-1518
Da Costa, J. N. 2903, 10880
Da KaDong 3931
Da LongZhu 2163
Da Silva, A. C. F. 3785
Da Silva, E. A. M. 9647
Da Silva, F. de A. G. 3631
Da Silva, F. G. 11401
Da Silva, F. P. 2877
Da Silva, H. B. dos S. M. 1919
Da Silva, J. B. 2224
Da Silva, J. M. R. 11752
Da Silva, K. M. 6217, 8518
Da Silva, M. J. 2253
Da Silva, S. C. 3531
Da Silva, W. J. 9208
Da Silva Filho, D. F. 4011, 8538
Da Silva Filho, N. L. 6391
Dabaj, H. K. 2561
Dabauza, M. 6157
Dabholkar, A. R. 11376
Dabkevičienė, G. 433
Dabos, P. 7807
Dąbrowska, J. 4258, 9826, 9872
Dachary, N. 8485
Dadlani, M. 850, 4140, 6256
Daelen, R. van 6798
Dafalla, G. A. 2633
Dafni, A. 12174
Daggard, G. 6337
Daghan, H. 4506
Dagne, E. 12846
Dagne, K. 10823
Daguin, F. 6671
Dahat, D. V. 8343
Dahl, S. W. 2125
Dahlberg, J. A. 3534, 6956
Dahleen, L. S. 4555, 11304
Dahlke, G. 4504
Dai, C. X. 12548
Dai, J. 5708, 9195
Dai, L. Y. 7055
Dai, N. 9545
Dai, S. S. 2590, 5002
Dai, Z. C. 5097
Dai, Z. L. 2694
Dai, Z. Y. 5237
Dai ChaoXi 12548
Dai LuYuan 7055
Dai ShanShu 2590, 5002
Dai ZhongCheng 5097
Dai ZiLin 2694
Dai ZiYu 5237
Daigny, G. 7358
Daito, H. 1747
Dajoz, I. 10280
Dalcol, I. 9241
Dale, A. 11745
Dale, J. L. 5153, 8669
Dale, P. J. 2061, 9657
Dalkalitses, G. 6035
Dallmann, G. 11342
Dalmacio, R. D. 4693
Dalmacio, R. V. 5293
Dalmasso, A. 1645
Dalmau, E. 6185
Dalström, S. 6508
Dalton, G. 2294
Dalton, H. 5513
Dalton, S. J. 4771
Daly, A. 241, 2060
Dam, B. C. van 12861
Damania, A. B. 1156, 6591, 6755
Damasco, O. P. 7404
D'Amato, F. 10172
Damato, G. 1618
Dambier, D. 12683
D'Ambrosio, C. 4060
Damerval, C. 1368, 4429
Damgaard, C. 91
Damgaard, O. 11794
Damiani, F. 1442, 3648
Damiano, C. 10641, 11783
Damilano, A. L. 3429
Damke, M. M. 9573
Damm, B. 9079
Dammann, C. 8383
Damme, E. J. M. van 2, 4181, 6105, 7633, 9623-9624, 9857, 11765, 13005
Damme, J. M. M. van 5473, 7717-7718
Damme, M. van 7299
Damsz, B. 4125, 11897
Dan, G. 10481
Dana, I. 1493
Dancik, B. P. 1012
Dandekar, A. M. 11782
Dandnaik, B. P. 6281
Dando, J. L. 2132
Dane, F. 7401, 12984
Danesh, D. 10399
Dang, J. K. 2613
Dang, T. A. 11151
Dangaria, C. J. 1828
Dangl, G. S. 526
Dangl, J. L. 45, 2046, 6630, 7788, 11191
Dani, A. 1946

Daniel, C. 10803, 11824
Daniel-Vedele, F. 2057, 10853
Danielis, R. 7891, 8547
Daniell, H. 7558, 11155
Daniells, J. W. 6219
Daniels, M. J. 56, 1222, 3245, 11196
Daniels, R. E. 11997
Daniels, R. J. R. 7862
Danielson, A. D. 8033
Danin-Poleg, Y. 1358, 3898, 7336
Dankov, T. 10185, 11341
Danneberger, T. K. 2374, 5965
Dannenhoffer, J. M. 11657
Dantas, A. P. 9646
Dantas, E. S. B. 10816
Dantas, J. L. L. 9625, 9633
Dantre, R. K. 1505
D'Antuono, L. F. 9142
Danyluk, J. 6750
Danzart, M. 4728
Danzmann, R. G. 12084
Dao, P. 2089, 8476
Daood, H. G. 3895
Daoust, G. 10959
D'Apice, L. 7309, 12688
Dapkūnienė, S. 544
Dara, S. T. 4773
Daraselia, N. D. 3856
Daratech Pty Ltd 818-819
Darbinyan, N. S. 904-905
Darby, P. 4320
Dardenne, P. 9329
Dargatz, H. 12285
Dargeviciute, A. 6325
Darmency, H. 4642, 5859, 8119
Darmency, M. A. 2942
Darmono, T. W. 4156
Darnell, R. L. 3968
Darrah, L. L. 261, 2262, 5786
Darrasse, A. 613
Darussamin, A. 4156
Darvey, N. 7757
Darvey, N. L. 6819, 6851, 6861-6862, 6874
Darwish, D. S. 12479
Das, A. B. 13036
Das, A. K. 6169
Das, B. 871, 7427
Das, B. K. 9620, 10303
Das, D. K. 5161
Das, G. R. 12356-12357
Das, L. D. V. 940, 3611, 6075, 10503, 12352, 12525, 12533-12534
Das, M. 2477
Das, N. 11439
Das, N. D. 2759, 6966
Das, O. P. 1356
Das, P. 974, 4654, 6996, 10518, 10940, 12979, 13036-13037
Das, P. K. 2783, 4886, 7528, 7533, 8169, 8350, 10808, 11848, 11854
Das, R. K. 12594
Das, S. 4105, 9523, 10342
Das, S. L. 10282
Das, S. N. 525
Das, T. K. 12408
Dasgupta, D. R. 8445
Dasgupta, T. 1542, 2472
Dash, A. B. 12384
Dash, A. N. 4752
Dash, G. B. 10635
Dash, S. K. 4752, 8170
Dass, H. C. 1749
Dass, S. 6937
Dat, J. F. 11133
Data, E. S. 1594, 3817
Date, R. A. 1141
Datla, R. 9039
Datla, R. S. S. 7442, 10765
Datta, A. K. 1525
Datta, K. S. 218
Datta, S. 5929, 11445
Datta, S. K. 1063, 5074, 6296, 6433, 6467, 8807
Daub, M. E. 3002
Daubeny, H. A. 4342
Daubèze, A. M. 1687, 7332
Daudonnet, S. 8686
Daugherty, C. J. 60
Daunay, M. C. 4897
D'Auzac, J. 1378
Davarynejad, G. H. 697-698
Dave, R. V. 6991
Davey, J. C. 1622
Davey, M. 11892
Davey, M. R. 1273, 1942, 2574, 5677, 6099, 7426, 8799, 10230, 10325, 10595
David, A. 3125, 9874, 12899
David, H. 3125, 9874, 12899
David, J. 2176
David, J. L. 1225
David, O. 1160
David Austin Roses 5364-5369
Davidian, J. C. 6643
Davidson, J. G. N. 6773-6775
Davidson, R. H. 1019
Davies, B. 1072, 1185
Davies, B. J. 9800
Davies, C. 2699, 3984, 6206
Davies, D. R. 10464
Davies, E. 9517
Davies, H. M. 12200
Davies, H. V. 8369
Davies, I. G. 4755
Davies, K. 6473, 6487
Davies, K. M. 1640, 3000, 3849, 12007, 12021
Davik, J. 10774
Dávila. P. 8461
Davin, L. B. 6434
Davis, A. P. 13006-13007
Davis, E. L. 6026
Davis, E. P. 12919
Davis, F. M. 2287, 3529-3530, 11369
Davis, G. 5723
Davis, J. B. 6243
Davis, J. M. 8797
Davis, M. J. 876
Davis, R. 9004
Davis, R. W. 5545
Davis, S. D. 5500, 11111
Davis, T. M. 9608, 11747
Davison, G. M. 6096
Davisson, V. J. 2872, 4136, 4146
Davitt, C. M. 8046
Davolio-Mariani, O. 6429
Davydenko, O. G. 6786
Dawa, T. 12245-12246
Dawa Tashi 8126
Dawe, R. K. 262, 3508
Dawson, I. K. 7632
Dawson, M. 10992-10993
Dawson, M. I. 11947
Dawson-Brown, P. 5332
Daxberger, A. 11543
Day, C. D. 8961
Day, D. A. 8793, 11523
Day, J. L. 1258
Day, K. R. 7644
Day, P. R. 4374, 11993
Dayal, T. R. 3811, 10526
Dayanand, M. 9482
D'Croz-Mason, N. E. 5854
De, D. K. 4153, 10050
De, D. N. 7172, 9498
De, L. C. 12606
De, M. L. 3085
De, R. N. 2357, 12389
De Abreu, C. P. 2730
De Abreu Matos, F. J. 4302
De Alencar, A. R. 10816-10818
De Almeida, E. C. 10569
De Almeida, E. R. 9686, 12409
De Almeida, L. D'A. 7032
De Almeida Engler, J. 50, 1643, 7810
De Ancos, B. 6227
De Andrade, F. P. 10816-10818, 10867
De Andrade, G. M. 7619
De Andrade, J. M. V. 12215
De Andrade, L. R. M. 9145, 11276, 11278
De Araújo, F. F. 4858
De Araújo, J. M. 3840
De Araújo, M. R. A. 4808
De Araújo, S. M. C. 3531
De Baets, A. E. G. 6863
De Barros, E. G. 2448, 7123, 7141
De Benedetti, L. 3061
De Biaggi, M. 2818
De Block, M. 12227
De Bock, T. S. M. 2820, 5231, 8671
De Boer, A. D. 8689
De Bolle, M. F. C. 397
De Bondt, A. 7364
De Borne, F. D. 9730
De Boucaud, M. T. 12652
De Brito, A. L. V. T. 12023
De Brito, S. de F. M. 10811
De Bruijn, F. J. 445, 3691, 9355
De Bruin, R. 12008
De Bruxelles, G. 5568
De Bruxelles, G. L. 2096
De Buck, S. 4397
De Buyser, J. 10057
De Camargo, A. P. 7525-7526
De Carvalho, A. M. 12888
De Carvalho, F. I. F. 2752, 3395-3396, 8053, 9182
De Carvalho, L. P. 939, 2903, 9768, 10869, 10879-10880
De Carvalho Niebel, F. 426
De Castro, J. L. 6713, 6751
De Castro, L. H. S. M. 7002
De Choudens, C. 11938
De Clercq, J. 4852
De Corato, U. 8749
De Felice, M. 4071
De Figueiredo, R. A. 7402
De Filippi, M. C. 7061
De Filippis, L. 2847
De Franchi, A. S. 1322
De Freitas, E. V. 9646
De Freitas, J. G. 6751-6752
De Freitas, L. H. C. 2411
De García, E. 11767, 11871
De Giorgi, A. 726
De Giovanni, C. 4497
De Graaf, P. T. H. M. 9079
De Graauw, W. 6339
De Greef, J. A. 2116
De Groot, N. A. M. A. 9560
De Groot, P. W. J. 11094, 11096
De Guido, A. 2702
De Haan, A. A. 7718
De Haan, P. 6339, 9759
De Haro, A. 506, 7480, 10768
De Hys, L. 3125
De Jesus Júnior, W. C. 8444
De Jeu, M. J. 3079, 4340, 6488, 12010
De Jong, H. 7223
De Jong, J. 6419
De Jong, J. H. 1648, 2569
De Jong, T. J. 11207
De Jong, W. 12555
De Juan, J. P. 4613
De Kathen, A. 8366
De Keukeleire, P. 6485
De Klerk, G. J. 1711, 2999, 6495
De Kogel, W. J. 8460
De Kouchkovsky, Y. 9725
De Kozak, I. 4791
De la Fé, C. 4914
De la Fuente, J. M. 9641
De la Fuente García, V. 10353
De la Peña, R. C. 176, 7991
De la Puente, F. 4895-4896
De la Puerta, R. 568
De la Riva, G. A 12790
De la Rosa, L. 2416
De la Serve, B. T. 1078, 3073
De la Torre, C. 8411
De Labrouhe, D. T. 11821
De Laet, J. 4268
De Lange, H. C. 809
De Lange, J. H. 12829
De Lange, P. J. 8191
De Langhe, E. 2009
De Leo, F. 1798
De León, H. 5808
De León, I. P. 5250
De Leonardis, A. 4071
De Lima, M. M. A. 7554
De Lorenzo, G. 12094, 12496
De Luca, C. 3918
De Luca, V. 4303
De Lucca e Braccini, A. 4861
De Lumen, B. O. 12454
De Maagd, R. 6419
De Maine, M. J. 1558, 7224
De Majnik, J. 11338
De Marco, S. 8367
De Martino, E. 726
De Mastro, G. 8550, 10781
De Meijer, E. 2908
De MeiLi 3085
De Melo, P. E. 2503
De Michelis, M. I. 12154
De Miranda, L. C. G. 11788
De Moraes, C. F. 9647
De Morais, O. P. 10322
De Moura Pires, N. 9207
De Nay, D. 6989
De Neve, M. 4397
De Ninno, G. 2122
De Ninno, M. 7904
De Oliveira, A. C. 5844, 9087, 10029
De Oliveira, F. A. 10869
De Oliveira, L. C. 10879
De Oliveira, R. P. 8523
De Oliveira, R. S., Jr. 9207
De Oliveria, A. R. 1752
De Paepe, R. 9723, 9725
De Paiva, W. O. 11663
De Palma, L. 11697, 11704
De Paolis, A. 6329
De Pater, S. 3211, 3750, 9000
De Paula, J. F. 2826
De Paula Júnior, T. J. 1519, 7123
De Proft, M. P. 4998, 10838
De Queiroz, E. F. 4827
De Queiroz, M. A. 3901
De Quiroz, H. C. 1788
De Resende, J. C. F. 4823
De Resende, M. D. V. 10256, 11328
De Rodríguez, D. J. 11917
De Romano, A. B. 10800
De Ron, A. M. 2456, 6045, 12486
De Roos, K. 10861
De Rosa, G. 7309
De Ruiter's Nieuwe Rozen BV 4231-4236, 4240-4241, 12938-12940
De Salles de Hys, L. 7576
De Samblanx, G. W. 5572
De Santana, J. C. F. 10867
De Sarker, D. 11629
De Sordi, G. 3502
De Sousa, A. J. T. 2730
De Sousa, B. 6885
De Sousa, C. N. A. de 12215
De Sousa, F. B. 4808
De Souza, A. M. 10766
De Souza, A. P. 11336
De Souza, C. L. Jr 11336
De Souza, S. J. 2460
De Souza, S. R. 10333
De Souza Júnior, C. L. 3442, 10256, 11328
De Toledo, J. F. F. 4845, 8251, 8287, 8693
De Tuglie, A. D. 1798
De Vallavieille-Pope, C. 11295-11296
De Vetten, N. 11028
De Veylder, L. 11197
De Vienne, D. 1368, 12158
De Villiers, L. 5548
De Villiers, O. T. 12829
De Villiers, R. P. 9563
De Visser, J. A. G. M. 4440
De Vos, N. 3854
De Vries, D. P. 1050, 12926
De Vries, I. M. 7300
De Vries, R. M. 11646
De Vries, S. C. 1214, 3808

De Vries, S. M. G. 12861
De Vrieze, G. 5551
De Vroomen, M. J. 3859
De Waal, W. G. 3004
De Waele, D. 2009, 10738, 11109
De Wilde, W. J. J. O. 11076
De Wit, P. J. G. M. 1666
De Zoysa, G. M. 9780
Deahl, K. L. 6095
Deák, M. 2400, 7097, 9344
Dean, B. B. 4983
Dean, C. 52, 71, 3206, 5536, 6630, 6633, 7823-7824, 9009, 11196
Dean, E. A. 11605
Dean, E. J. 8834
Dean, J. L. 876
Dean, M. A. 8834
Dean, R. 93
Deane, C. R. 1630, 7290
Deane, K. 7939
Deaton, W. R. 6353
Deb, N. 4077
Debabrata Basu 8336
Debashree Choudhury 6256
Debata, B. K. 7739, 9897, 12049
Debelyĭ, G. A. 9353
Debener, T. 4244, 12954
Debergh, P. 12998
Debergh, P. C. 1919, 10941
Debet, M. 536
Debjani Basu 10716
Deblaere, R. 6485
Debnath, B. 2659
DeBoer, D. L. 5518
Deboo, G. B. 7728
Debote, B. 1429, 1432
Debouck, D. G. 6037
Debre, F. 3784, 4898
Debrouwer, D. 12227
Debussche, M. 12011
Debyser, W. 9169
DeCaprio, J. A. 6923
Decazy, B. 11873
Dechamp-Guillaume, G. 171, 3355
Deckard, E. L. 4501
Decker-Walters, D. S. 4337
Decroocq-Ferrant, V. 9001
Dedio, J. 6474
Dedryver, F. 2197
Deepak Shah 1683
Degago, Y. 2430
Degand, H. 9424, 9725
Degani, C. 5154, 12701
Degeest, P. 7545
Degen, B. 11920
Degi, K. 5140
Deglene, L. 11817
Degrandi-Hoffman, G. 9649
Dehesh, K. 351
Deidda, M. 129
Deikman, J. 1651, 5566, 10593, 12188
Deimling, S. 3410, 4331
Dejmek, P. 11269
Deka, P. C. 12199
Deka, R. K. 7434
Deka, S. D. 7156
Dekel, M. 12126
Dekker, B. 3098
Dekkers, J. C. M. 3250
Del Bosco, S. F. 11772
Del Campillo, E. 3869
Del Duca, S. 10656
Del Fueyo, G. M. 4213
Del Pino, A. M. 2753, 2758
Del Pozo, O. 3857
Del Puglia, S. 7905
Del Re, P. 3723
Del Rio, A. H. 12537-12538
Del Tío, R. 11748
DeLacy, I. H. 11, 13-14, 159, 10809
Delalonde, M. 2272
Delamare, A. P. L. 8075
Delaney, T. P. 7842, 8965
Delaporte, K. L. 4223
Delarue, M. 9018-9019
Delbard, G. 12953
Delclos, B. 5985, 8237
Delcour, J. A. 9169
Delcourt, A. 10857
Deléens, E. 4491, 9357
Delesalle, L. 2808
Delgadillo G., M. 3433
Delgado, M. 6833
Delgado F., W. 3441
Delgado M., R. E. 10755
Delgado-Salinas, A. 7125
Delhaize, E. 3241, 4398
Delibašić, G. 654
Delibes, A. 10096
Dell, B. 7939
Della, A. 8958
Della Strada, G. 8483
Della Torre P., A. 2210
Della Vecchia, P. T. 8415
Dellacecca, V. 5511, 7709
DellaPenna, D. 1209, 1218
Dellaporta, S. L. 6930, 9210
Dellisanti, G. 1168
Delmer, D. P. 4137, 9766
Delogu, G. 2122, 8011-8012, 8063
Delon, R. 7576
Delourme, R. 4028, 7452
Delpero, M. 8932
Delplanque, A. 12880
Delrio, G. 12763
Delrot, S. 43, 1568
Delseny, M. 4029, 5555, 8974, 8999, 9021, 9966, 11168
Demagante, A. L. 546
Demarly, Y. 7071
DeMason, D. A. 7178
Demeke, T. 9089, 12253
D'Emerico, S. 8901
Demesure, B. 6371
Demey, J. R. 2801-2802
Demir, İ. 6688
Demissew, S. 9867, 13021
Demissie, A. 209, 5671, 6781
Demoly, J. P. 3036
Demotes-Mainard, S. 3318, 10047
Dempfle, L. 3151
Dempsey, D. A. 5573
Demski, J. W. 10806, 11841
Demura, T. 6469
Demus, U. 1325
Den Boer, B. 5552
Den Nijs, A. P. M. 1734
Den Nijs, H. 1956
Denadai, I. A. M. 7988
Denbow, C. J. 2571
Dencescu, S. 8268
Denčić, S. 2177
Denecke, J. 5250
Deneken, G. 6673-6674, 7669, 10017-10018, 11013
Deng, F. D. 6270
Deng, G. Y. 5088
Deng, H. W. 1224
Deng, H. Z. 11409
Deng, J. Y. 5644
Deng, M. G. 2567
Deng, M. X. 5119
Deng, R. Z. 12631
Deng, W. Y. 11150
Deng, X. B. 1176, 11152
Deng, X. M. 4366, 5236, 9940, 10309
Deng, X. W. 1173, 1201, 1211, 3213, 4412, 7840, 9944, 9983, 12136
Deng, X. X. 5148, 12642
Deng, Y. 9215
Deng FangDi 6270
Deng GuiYi 5088
Deng HongWen 1224
Deng HuiZhen 11409
Deng JingYang 5644
Deng MinGuang 2567
Deng MingXu 5119
Deng WanYin 11150
Deng XiaoBing 1176, 11152
Deng XiaoMei 4366, 5236, 9940, 10309
Deng XingWang 1173, 1201, 1211, 3213, 4412, 7840, 12136
Deng XiuXin 5148, 12642
Dengler, N. 12142
Denic, M. 4631
Denis, J. B. 11131, 11866
Denis, P. 1918, 3108
Denis-Peixoto, L. 10997
Denis-Plants 6512
Denison, N. 11918
Denison, S. J. 10249-10250
Deniz, B. 3659, 7081
Denji, I. 5071
Denmark, Landsudvalget for Planteavl 8936
Dennert, J. 3382
Dennis, E. S. 47, 2096, 4403, 5568, 5879, 9034, 9354
Dennis, F. G., Jr. 3921
Denny, R. 10399
Denny, R. L. 6024-6025
Denoyes-Rothan, B. 5122
Denys, P. N. 889
Deo, C. 1717
Deosarkar, D. B. 9301, 11434, 11436
Deotale, R. D. 2433, 9472
DePauw, R. M. 4525, 6830-6831, 7913
Depicker, A. 4397, 12810
Depigny-This, D. 9935
Deppe, U. 1792
Deragon, J. M. 4031
Derawadan 8463
Derbenskiĭ, V. I. 9353
Derbyshire, E. 8301
Derdelinckx, G. 9169
Deren, C. W. 12350, 12786
Dereuddre, J. 4915
Derieux, M. 8090
Derks, F. H. M. 1050
Derksen, J. 2840
Dermen, H. 12922
Deroles, S. 6473, 6487
Deroles, S. C. 2991, 3023, 12007
Deroma, A. 669
Derome, K. K. 10690
Deroo, C. 8244
DeRose, R. T. 5246
Derouet, L. 10857
Derron, M. 12074
Dervinis, C. 12610
Desai, A. 7922
Desai, D. 12558
Desai, N. 3187, 6607
Desai, N. S. 8276
Desai, U. T. 800, 807, 1750, 3915, 4010, 6225, 11779
Desale, S. C. 12351
DeSalle, R. 4447
Desbrosses, G. 11524
Deschamps, R. J. A. 7440
Deschault de Monredon, F. le 1373
Desh Raj 1793
Deshmukh, D. T. 10281
Deshmukh, K. S. 3466, 3483
Deshmukh, P. S. 11279
Deshmukh, R. B. 2468, 3769, 8343, 9451-9452, 9494, 10484-10485
Deshmukh, S. N. 8602
Deshnium, P. 11190
Deshpande, V. K. 10319
Deshwal, H. L. 7208
Desiderio, E. 6697, 6907, 6954-6955, 6969, 7896, 7900, 7905, 10266-10267
Desjardins, Y. 6521
Despain, D. G. 10916
Despres, B. 9965
Després, C. 9513
Desprez-Loustau, M. L. 10965
Dessaune Filho, N. 6905
Dessaux, Y. 7829, 11511
Dessouki, E. E. 6777-6778
Deswal, R. K. 2159
Determann, R. O. 12029
Dettori, M. T. 6195
Deu, M. 6961, 12417
Deunff, E. le 11346
Deunff, Y. le 8319
Deuter, M. 7090
Deutsch, J. A. 2288
Dev, H. 1660, 1669, 7180, 9569
Dev, J. 2475
Devagiri, G. M. 13030
Devaiah, B. M. 388
Devani, M. 10398
Devantier, Y. 12890
Devaraj, G. 2776, 12788
Devarathinam, A. A. 3551
Devauchelle, G. 6628
Devaux, M. F. 1373
Devaux, P. 3311
Deventer, C. S. van 146, 12263
Dever, L. V. 2371, 9317
Dever, M. C. 1742
Devesa, J. A. 11490-11491
Deveshwar, J. J. 2467, 10078, 10487
Devey, M. E. 12891
Devi, B. P. 11991
Devi, D. S. R. 1748, 2707
Devi, E. P. 9456
Devi, N. 1793
Devi, P. 2757
Devi, T. 10326
Devic, M. 5555, 8974
Devika, R. 4661
Devinder Sandhu 1867, 11574
Devine, T. E. 9401, 12472
Devkota, R. N. 7993, 9156
Devlin, P. F. 4410, 9976, 9984, 10770
Devos, K. 1259, 2138
Devos, K. M. 1391, 4497, 5612, 6683, 9106
Devoto, A. 12094, 12496
Dewald, C. 9210, 9261
Dewald, C. L. 11374
Dewey, E. 9026
Dewey, R. E. 3702
Dewi, I. S. 12390
DeWitt, N. D. 3231
Dewitte, W. 5522
Dexter, J. E. 2174
Dextre-Clarke, S. 9912
Dey, S. K. 8771, 8775
Deylami, M. S. 9745
Deyton, D. E. 3961
Dhakal, L. P. 5314
Dhakarey, R. P. S. 8358
Dhaliwal, H. S. 1277, 2359, 7973
Dhaliwal, M. S. 8453, 10624, 12627
Dhall, S. P. 12494
Dhameliya, H. R. 12520
Dhananjay, S. 8321
Dhanapala, M. P. 4657, 4718
Dhanda, S. 2006
Dhanda, S. S. 5636
Dhanju, K. C. 10632
Dhanju, K. S. 2455, 3742
Dhankhar, B. S. 1714
Dhankher, O. P. 10465
Dhar, B. 4353
Dhar, U. 6387, 7615, 12036
Dharamsena, C. M. D. 9485
Dhari, R. 10490
D'Harlingue, A. 2600, 6148
Dharmalingam, V. 6284
Dhatt, A. S. 5846
Dhaubhadel, S. 2127
Dhawan, P. 2613, 12619
Dhawan, S. C. 12295
Dhawan, S. S. 4007
Dhellemmes, C. 2808
Dhillon, A. S. 11791
Dhillon, B. S. 1351, 2282, 11330
Dhillon, G. S. 3763, 3763
Dhillon, S. S. 12718
Dhillon, T. S. 3763, 3763, 10636-10637
Dhiman, K. R. 8307
Dhindsa, G. S. 6825, 6864
Dhindsa, K. S. 3381
Dhingra, O. D. 486

Dhirendra Kumar 7726
Dhital, B. K. 7215
Dhond, V. M. 9458
D'Hondt, K. 6248
D'Hont, A. 6961, 8639, 12417
Dhonukshe, B. L. 3781
Dhopte, A. M. 7196
Dhua, S. R. 5868
Dhulia, F. K. 9486
Dhumale, D. B. 9180, 10281
Di, M. 11893
Di, W. Z. 9761
Di, X. 9684
Di Bartolomeo, N. G. 4585
Di Candilo, M. 620, 2911, 10591, 11606, 12497
Di Canio, V. 2702
Di Cola, A. 5239
Di Fazio, L. 5405
Di Fonzo, N. 7898, 7904, 10124
Di Franco, F. 6907
Di Giovannantonio, C. 11660
Di Lorenzo, R. 12705
Di Mauro, A. 12597
Di Prima, G. 7899, 7901, 10070
Di Prinzio, P. 1298
Di Rosa, A. 1072, 10009
Di Vaio, C. 7398
Di Vito, M. 3771, 12103
Di WenZhi 9761
Di Xian 9684
Diallo, N. 9440
Diao, T. Q. 10710
Diao TaiQing 10710
Dias, J. S. 1603, 1628, 1632, 2019, 7293
Dias, L. A. dos S. 6316, 9713
Dias, M. A. D. L. 12416
Dias, R. de C. S. 3901
Díaz, E. 1835
Díaz, I. 193
Díaz, O. 4866
Díaz, R. 2719, 10831
Díaz A., C. 3475
Díaz-Dumas, M. 13018
Díaz Lifante, Z. 1088
Díaz Q., J. J. 3514
Díaz-Ruíz, J. R. 1862
Díaz-Sala, C. 12895
Dibuz, E. 7365
Dicenta, F. 715, 734, 737, 10673
Dick, J. M. 9795
Dickinson, H. G. 1963
Dickinson, J. R. 9078
Dickinson, N. M. 1894
Dickinson, T. A. 3944, 10670
Dickman, M. B. 3651, 7106
Dickson, J. H. 8881
Dickson, M. H. 1633, 7292
Diederichsen, A. 3144
Diederichsen, E. 1792
Diefenthal, T. 4415
Diéguez, M. J. 7563
Diener, U. 1054
Diepenbrock, W. 10257
Diergaarde, P. 6798
Dierig, D. A. 5274, 11843
Diers, B. W. 7148, 10397, 10438
Dieryck, W. 6321
Dieter, J. R. 4842
Dieters, M. J. 5318
Dieters, M. J. J. 2973
Dietrich, A. 2086, 8372
Dietrich, R. A. 45, 2046, 6630, 11191
Dietrichson, J. 1013
Dietz-Pfeilstetter, A. 8981, 9847
Díez, C. A. D. 12559
Díez, M. 1345
Díez, M. J. 2614, 5042, 5061, 8429, 11513
DiFazio, S. P. 7650
Dijak, M. 12324
Dijk, A. J. van 1050
Dijk, A. van 8398
Dijk, C. van 1511, 3798
Dijk, E. L. van 5883
Dijk, H. van 10837
Dijk, M. E. I. F. van 8688
Dijk, P. J. van 7718
Dijken, A. van 7258
Dijken, F. R. van 6419
Dijkhuis, P. 2493, 11596
Dijkwel, P. P. 9040
Dikarev, V. G. 200-201
Dikareva, N. S. 200-201
Dikshit, U. N. 12772
Dilday, R. H. 5867, 5871, 5875, 5947, 10300
Dill, P. 3417
Dillen, W. 4852
Dillenius, J. J. 8309
Dilley, C. A. 11744
Dillmann, C. 12308
Dillon, V. M. 8177
DiMasso, E. 10910
Dimberg, L. H. 2234-2235
Dimitrijević, M. D. 2202
Dimitrov, B. 10185
Dimitrov, P. 629
Dimitrova, A. 1319, 10104
Dimitrova, V. 777
Dimmitt, M. A. 5444, 6516
Dinant, S. 7302
Dinardo-Miranda, L. L. 884
Dinesh Chandra 8171
Dinesh Kumar 1756
Dinesh-Kumar, S. P. 8966
Dinesh Rastogi 1991
Ding, A. L. 8272, 12465
Ding, A. P. 5084
Ding, B. 4128
Ding, D. L. 9297
Ding, F. Z. 11095
Ding, J. Y. 6533
Ding, L. 9046
Ding, L. P. 1686
Ding, L. Y. 8181
Ding, Q. 5708, 9195
Ding, S. L. 5131, 12681
Ding, T. Y. 10895
Ding, X. D. 1731
Ding, X. S. 2565
Ding, Y. 10155
Ding AiPing 5084
Ding AnLin 8272, 12465
Ding Biao 4128
Ding DeLiang 9297
Ding FengZheng 11095
Ding JiaYi 6533
Ding Lei 9046
Ding LiPing 1686
Ding LunYou 8181
Ding ShiLin 5131, 12681
Ding TuoYa 10895
Ding XiaoDong 1731
Ding XinShun 2565
Dingkuhn, M. 8144
Dinkova-Kostova, A. T. 6434
Dinoor, A. 7777
Diolez, P. 9725
Diop, N. N. 6878
Diouf, D. 8794
Dirks, R. 1584
Dirlewanger, E. 1730
Dirzo, R. 10265
Distabanjong, K. 7635, 9815
Diulgheroff, S. 9928
Diversity 10888
Dix, M. E. 4197
Dix, P. J. 1630, 7290
Dixit, G. B. 11653
Dixit, G. P. 10394, 12451
Dixit, J. 3872
Dixit, M. L. 8116
Dixit, R. 9664
Dixon, K. 3038
Dixon, K. W. 12858
Dixon, M. 11647
Dixon, M. A. 5829
Dixon, R. A. 424, 3728, 4364, 6019, 7157, 7217, 9430, 9732
Dixone, R. A. 11554
Diz, D. A. 2307
Djatiwalujo, S. 6275
Djilianov, D. 9348
Djordjevic, M. A. 432, 8233, 11338
Djukić, D. 2391
Do, Y. Y. 9626, 12020
Do Canto-Dorow, T. S. 10368
Do Valle, C. 11486
Do Valle, C. B. 7091
Do YiYin 9626, 12020
Döbereiner, J. 11359
Dobhal, V. K. 2422, 8357, 10514, 12571-12572
Dobres, M. S. 12436
Dobreva, I. 11565
Dobrosotskova, V. D. 7543
Dobrotvorskaya, T. V. 3338
Dobryanskiĭ, V. A. 6135
Dobson, G. 9876
Docherty, K. 2020
Dockx, J. 3212
Dodan, D. S. 615
Dodd, M. B. 402
Dodeman, V. L. 1583
Dodia, D. A. 9486
Doebley, J. 1367, 6940
Doebley, J. F. 10241
Doehlert, D. C. 4555, 5600, 8085
Doelling, J. H. 3192
Doerner, P. 6019
Dofing, S. M. 5670, 6773
Doğan, M. 813
Doganlar, S. 11641, 12612
Dogimont, C. 5065, 6158, 11656
Dohya, N. 7298
Doi, K. 6367
Đokić, D. 2160
Dolan, D. J. 1341
Dolan, L. 4402
Dolar, F. S. 1536
Dolcet-Sanjuan, R. 3942, 12622
Dole, J. 6470, 12992
Dole, J. M. 5430
Doležel, J. 1235, 3665, 8456, 10020
Dolferus, R. 2096, 5568
Dolfini, S. 5788
Dolgikh, Yu. I. 8661
Dolgodvorova, L. I. 7312
Dolgov, S. V. 6479, 6484
Dolgykh, Y. I. 5790, 5828
Dolinski, R. 6728
Doll, H. 10123
Dolničar, P. 2485
Domaingue, R. 8666, 12784
Dombek, D. 8283
Dombrowski, S. 11564
Domergue, O. 1852
Domier, L. L. 4430
Domina, F. 10744
Domingo, J. 12405
Domingos, M. 11034
Dominguez, C. F. 2158
Domínguez, I. 6836
Dominguez-Gimenez, J. 2763
Domínguez-Puigjaner, E. 12684
Dominican Republic, Fundación de Desarrollo Agropecuario 5043
Dominici, L. 4495
Domkářova, J. 11592
Domkarzhova, Ya. 11592
Domokos, J. 9898
Domon, E. 10314
Domon, J. M. 12899
Domoney, C. 3752
Domoto, C. 1354, 2248
Donadio, L. C. 9637, 9639
Donaghy, S. B. 9056
Donahue, J. K. 2971, 4188
Donahue, J. L. 11134
Donaldson, E. 5514
Donaldson, L. A. 11961
Donegan, K. K. 4901
Dong, B. 4398
Dong, C. Z. 1644
Dong, F. G. 2338, 10270
Dong, H. P. 9116
Dong, J. G. 10726
Dong, J. J. 1400, 12343
Dong, J. Z. 1905, 9803
Dong, L. Y. 11337
Dong, S. L. 10881
Dong, S. S. 1844, 12706
Dong, W. M. 2735, 4945
Dong, W. Q. 3219, 3593
Dong, W. X. 5119
Dong, W. Z. 9684
Dong, X. C. 12206
Dong, X. N. 5570
Dong, Y. C. 1242
Dong, Y. J. 3593
Dong, Y. S. 3364, 4481
Dong Bei 4398
Dong ChunZhi 1644
Dong FengGao 2338, 10270
Dong HongPing 9116
Dong JiangGuo 10726
Dong JinJiang 1400, 12343
Dong JinZhuo 1905, 9803
Dong LongYing 11337
Dong ShangSheng 1844
Dong ShuangLin 10881
Dong ShunSheng 12706
Dong WeiMin 2735, 4945
Dong WeiQin 3219
Dong WenZhao 9684
Dong WinXuan 5119
Dong XiaoCheng 12206
Dong XinNian 5570
Dong YuChen 1242
Dong YuShen 4481
Dongen, S. van 10006
Dongre, T. K. 3780
Donini, G. 9232
Donnelly, P. 12914
Donnelly, R. 12914
Donnison, I. S. 7671
Donoghue, M. J. 3135, 9595
Dons, H. 6464
Dons, H. J. M. 1785, 2063, 6417, 6456, 9849
Dons, J. J. M. 1064, 2493
Dookun, A. 8666
Doonan, J. H. 1070, 1962, 4371, 9060
Dooner, H. 7175
Doorsselaere, J. van 7620, 9789, 12874-12875
Dopierała, A. 8202
Dora, K. B. 867, 2774, 8627, 11851
Dorado, G. 5520
Dorairaj, M. S. 3694, 6294, 12353
Doran, J. C. 7618
Dörfel, P. 4753
Dörffling, H. 4515, 5643
Dörffling, K. 2279, 4513, 4515, 4561, 5643
Döring, H. P. 9221
Dorion, S. 2149
Doris, F. P. 6324
Dormling, I. 2976
Dornelles, A. L. C. 8053, 9182, 10077
Dorofeev, V. I. 2747
Doroszewska, T. 4117
Dos Reis, O. V. 4011, 8538
Dos Santos, A. L. C. 11401
Dos Santos, J. A. 7407
Dos Santos, J. B. 11655
Dos Santos, M. X. 3445, 3501
Dos Santos, N. R. Z. 4955
Dos Santos, R. C. 10811
Dos Santos, R. R. 6692, 6696
Dos Santos Silva, T. R. 9868
Došenović, I. 2814
Dosi, E. 4095
Dossi, P. 2395
Dost Mohammad 282, 317
Dostálek, J. 12647
Dottori, A. 2178
Dou, X. T. 12475
Dou XinTian 12475
Douat, C. 9357
Doubler, T. W. 6020, 9409, 10431, 11541
Doubovskaja, A. 8749
Douce, R. 6675, 8320, 8793, 9440, 12499
Douches, D. S. 5964, 6078, 9512, 10530
Doudrick, R. L. 1006-1007, 5594, 10966
Dougherty, W. G. 3751

Douglas, A. C. L. 5848
Douglas, C. J. 2832, 2851
Douglas, M. H. 1119, 11082
Douiyssi, A. 3385
Doumas, P. 9781, 12712-12713
Doumbia, A. 8756
Doussinault, G. 2040, 3318, 6763, 10047
Doussoulin, E. 5212
Doust, M. A. 3298
Dovholuk, A. 7706
D'Ovidio, R. 3307, 3327, 4499, 4502, 10474
Dow, B. D. 2933
Dowler, C. C. 7322
Down, R. E. 5429
Downe, G. 8816
Downey, R. K. 837, 1763, 8560, 8578, 11795
Downie, S. R. 3279, 9073
Doyle, G. G. 10183, 10186
Doyle, J. J. 1103, 8258
Doyle, L. S. 3835
Dozet, B. 10799
Draaistra, J. 12542
Dradi, S. 7910
Dragavtsev, V. A. 7854
Dräger, B. 9878
Drager, M. 4365
Drake, J. 8102, 10260
Drake, P. M. W. 8799
Drake, R. 7315
Dransfield, S. 3131
Draper, A. D. 3967
Draper, J. 7825, 8967
Drašlar, K. 11263
Dražić, S. 2849
Dreiseitl, A. 3387
Drenkard, E. 12137
Dressen, U. 3842
Dressler, R. L. 12024
Drevet, J. 7463
Drevon, J. J. 4856, 9432
Drew, J. E. 10465
Drew, R. A. 805, 5153, 12699
Drew, R. L. K. 547
Drews, G. N. 6646
Dreyer, D. A. 9347
Dreyer, E. 5289-5290
Drinić, G. 5805
Drinić, S. M. 5804-5805
Dris, R. 6175
Driscoll, S. 5244
Driss-Ecole, D. 1778
Drøbak, B. K. 1107
Drobník, M. 12114
Drobnik, M. 10777
Drobyshevskaya, V. V. 4190
Dröge-Laser, W. 6019, 9720-9721
Drossopoulos, J. 633, 5186, 10076
Drossos, E. 2406
Druart, P. 11713
Dry, I. B. 1831, 12674
Drzewiecki, J. 4604
D'Souza, T. 9016
Du, G. C. 579
Du, G. D. 5119
Du, G. Q. 2506
Du, H. 9714, 11135
Du, J. F. 5082
Du, K. J. 11868
Du, L. E. 3714
Du, L. P. 6717
Du, R. H. 3562
Du, R. S. 5087
Du, S. 4788-4789
Du, W. F. 2531, 3822
Du, W. G. 460
Du, X. F. 8179
Du, Y. J. 9841
Du, Y. Q. 2215, 3606, 4556, 5668
Du, Y. S. 791
Du, Z. H. 3989
Du Cros, E. T. 7627
Du GangQiang 2506
Du GuangCen 579
Du GuoDong 5119
Du He 9714, 11135
Du Jardin, P. 11557, 11903, 12904
Du JianFeng 5082
Du KeJiu 11868
Du LiPu 6717
Du Plessis, S. 6603
Du Preez, R. 7425
Du Preez, R. J. 5160
Du RuSong 5087
Du WeiGuang 460
Du WuFen 3822
Du WuFeng 2531
Du XinFa 8179
Du YingQiong 3606
Du YiShiou 791
Du YongJun 9841
Du YongQin 2215, 4556, 5668
Du ZhouHe 3989
Dua, R. P. 11571
Duan, C. J. 3578
Duan, G. I. 9378
Duan, J. 4701, 12318
Duan, N. X. 11837, 12767
Duan, X. M. 2694
Duan, X. Y. 1264, 12275
Duan, Y. 2506
Duan, Z. X. 2260
Duan Gule 9378
Duan Jun 4701, 12318
Duan NaiXiong 11837, 12767
Duan XiaYu 1264
Duan XinMei 2694
Duan XiYu 12275
Duan Yu 2506
Duan ZhangXiong 2260
Duarte, A. P. 3502, 6943
Dubcovsky, J. 3348, 4545, 6715, 7922
Dubé, M. 3660, 10352
Dube, S. D. 12323
Dubey, R. K. 2231, 2236, 3123, 11163
Dubey, S. 6168
Dubin, H. J. 3357, 7989, 7993, 9156
Dubois, C. 10703
Dubois, F. 7546, 9846
Dubois, L. A. M. 1050, 12926
Dubois, M. E. 11264
Dubois, S. 8302
Dubouzet, J. G. 566, 9851
Dubová, J. 8699
Dubovskaya, A. G. 8749
Dubský, M. 5286
Duca, S. del 10656
Duck, N. B. 6607
Ducousso, A. 6368
Ducreux, G. 1583, 10057, 12566
Dudai, N. 11084
Dudareva, N. 1067, 2754
Dudash, M. R. 8831, 12982, 12989
Dudienas, C. 10261
Dudits, D. 1440, 2400, 7097, 9344, 12435
Dudley, J. W. 5697, 7855
Dudley, P. 3754
Dues, G. 12314
Duff, D. T. 9825
Duffillol, J. M. 684
Dufour, P. 6961, 12417
Dufresne, D. J. 3897
Dugo, G. 3999
Dugo, P. 12692-12693
Duhan, J. C. 11398
Duhoux, E. 8794
Duich, J. M. 6458-6459
Duijn, B. van 1856, 4554
Dujardin, P. 8726
Duke, E. R. 8085
Dukes, P. D. 3896, 8345
Dulloo, M. E. 6590
Duman, H. 11030
Dumanoğlu, H. 739
Dumas, B. 12899
Dumas, C. 1241, 3462, 3509, 7279, 7281, 11346
Dumbre, A. D. 12515
Dumolin-Lapègue, S. 10905, 11927, 12119
Dumoulin, P. Y. 5132
Dumpe, B. B. 3994
Dumrongkittikule, S. 7287
Dun, K. van 7258, 9079, 10861
Dunand, R. T. 7009
Duncan, D. R. 5794
Duncan, E. J. 11874
Duncan, P. D. 6404
Duncan, R. R. 5587
Dunemann, F. 7362
Dunez, J. 744
Dunford, R. 1259
Dunlap, J. M. 9790
Dunlap, J. R. 3877, 8697
Dunlop, G. 11805
Dunlop, P. J. 8780
Dunn, M. A. 8015
Dunn, R. A. 2404, 5987-5989
Dunn, S. 9689
Dunn, T. 1462
Dunnett, J. 11608
Dunsmuir, P. 6150, 7175
Dunstan, D. I. 1905, 9803, 10968, 10972
Dunstone, R. L. 5206
Dunwell, J. M. 889, 8678
Dupin, M. 10141
Duplan, S. 11906
Dupré, C. 11099
Dupuis, I. 4111
Dupuy, P. 8564
Duque, A. S. 11834
Duque, J. 302, 3446
Duque, M. C. 2445
Durairaj, P. 878
Duran, M. van 4779
Durand, F. 7095
Durand, M. 1378
Durbin, M. L. 11017, 12113
Durel, C. E. 955, 1898, 2926, 12897
Duren, M. van 3665
Duret, S. 9561
Duretto, M. F. 11006
Durgaprasad, M. M. K. 6264
Durica, D. S. 11110
Durigan, J. F. 7171
Düring, K. 3163
Ďurkovič, J. 6386
Durner, J. 11135
Duron, M. 7657
Durr, A. 6318, 8690
Dürr, C. 9516
Durst, F. 11623
D'Urzo, M. P. 2835, 10852, 11897
Dusi, D. M. A. 3726
Dussert, S. 7555
Dussie, M. C. 11679
Dutilh, J. H. A. 6496
D'Utra Vaz, F. B. 8523
Duvick, D. N. 3193, 4834-4835, 6018
Duvick, S. A. 12329
Duwenig, E. 1564, 12547
Dvořák, A. 7357
Dvořák, J. 1294, 3348, 4545, 6715, 7922
Dvorak, W. S. 4188, 10950, 11963
Dvornik, V. Ya. 10958
Dwari, M. 5302
Dweikat, I. 6768, 10088
Dwelle, R. B. 4917
Dwivedi, A. K. 4004, 6433, 8525-8527, 8807
Dwivedi, N. K. 8792
Dwivedi, S. 10566
Dwivedi, S. C. 9461
Dwivedi, S. L. 2769, 4078, 6269, 7512
Dwyer, L. M. 11357, 12324
D'yakov, Yu. T. 2041
Dybing, C. D. 7144
Dyer, D. 12468
Dyer, J. H. 9963
Dyer, W. E. 4574, 7497
Dyutin, K. E. 7338
Dzheneeva, É. L. 2678
Dzhigadlo, E. N. 746, 2679
Dzhuvinov, V. 663
Dziewanowska, K. 1565
Dzuibany, C. 12135
Dzuong Duc Huyen 5437
Eady, C. C. 565
Eagles, D. A. 1479, 4807
Eakes, D. J. 11054
Ealing, P. M. 4398
Earle, E. D. 828, 1609, 4962-4963, 5005, 5174, 7276, 7278, 7308, 7474, 11634
Eason, R. 8176
Eastin, J. D. 12340
Eastwell, K. C. 2677
Eavis, R. M. 7873
Ebbelaar, M. 3798
Ebbelaar, M. E. M. 1511
Ebdon, J. S. 11467
Ebel, J. 11543
Ebelhar, M. W. 2896
Eber, F. 1769, 7443, 8564
Eberhard, J. 591, 2084
Eberhart, S. 10137
Eberhart, S. A. 5509, 11329
Ebert, C. C. 1871, 6353
Ebert, I. 12907
Ebinuma, H. 7569, 9949
Ebizuka, Y. 4810
Ebrahimi, Y. 9618
Ebskamp, M. J. M. 11601
Ecalle, C. 429
Ech-Chaoui, R. 1278
Echandi, C. R. 5701
Echarte, A. M. 11483
Echazarreta, C. 2719
Echenique, V. 4778
Echeverrigaray, S. 8075, 8301
Echt, C. S. 5311, 7641, 8797, 11957
Eck, H. J. van 12542
Eckard, K. J. 13010
Eckardt, N. A. 9013
Ecke, M. 11934
Ecke, W. 8759
Eckenrode, C. J. 8418
Eckenwalder, J. E. 8787
Ecker, J. 9004
Ecker, J. R. 8978
Eckerskorn, C. 6083
Eckert, C. G. 1102
Eckert, M. I. 2224, 8428
Eckes, P. 5704
Eckey-Kaltenbach, H. 6544
Eckhoff, J. L. 7915
Eckhoff, S. R. 290, 1374, 12327
Eckstein, P. E. 4563
Ĕdelmane, I. 3282
Edema, R. 4887
Eden, J. W. van 2569
Eder, J. 8378
Ederer, W. 10447
Edin, M. 7383, 9599
Edmeades, D. C. 165
Edmeades, G. O. 303, 4612, 9218, 9245, 9251, 10252-10253
Edmisten, K. L. 8746
Edmunds, C. 1071
Edney, M. 9168
Edney, M. J. 11315
Edongali, E. A. 2561
Edwards, A. 536, 1080
Edwards, D. G. W. 1019, 6392
Edwards, G. E. 5237
Edwards, I. 6699
Edwards, J. W. 1370-1371
Edwards, K. J. 241, 2060, 3455, 12076
Edwards, M. 5719
Edwards, S. J. 10585
Edye, L. A. 417
Eeckhout, E. van den 1105
Eeuwijk, F. A. van 11866
Efremova, I. G. 316
Efremova, T. T. 123, 133
Efstathiu, I. 6827
Egashira, H. 5008, 9551
Egawa, H. 7016
Egea, J. 693, 700, 715, 3947, 5098
Egea, L. 693
Egertsdotter, U. 5321

Eggenberg, P. 9747
Eggermont, K. 2062, 5572
Eggleston, W. B. 1192
Eggum, B. O. 5678, 10110, 12396
Egli, D. B. 11529
Egli, M. 5795
Eguchi, F. 9904
Eguchi, Y. 4306
Ehara, H. 6982
Ehara, Y. 1547
Ehdaie, B. 3350-3351, 6039, 11258
Ehlke, N. J. 4802
Ehness, R. 7066
Ehrenbergerová, J. 441, 10109
Ehrendorfer, F. 631
Ehrhardt, T. 12125
Ehrhart, C. 12985, 13002
Ehrler, T. T. 2084
Ehsanpour, A. A. 6343
Eichel, J. 6527
Eid, M. A. M. 5603
Eide, D. 2102
Eijkel, G. B. 3825
Eijnde, J. van den 659
Eikelboom, W. 6502
Eimert, K. 363, 363, 8013, 8998
Einset, J. W. 1082, 1085, 5013
Eisenbeiss, G. K. 7656, 8817
Eisenreich, W. 11339
Eisikowitch, D. 9649
Eisner, G. 4395
Eissa, A. G. M. 3325
Eissa, A. M. K. 5603
Ejaz Rasul 11859
Ejeta, G. 321, 1388, 2299, 3550, 5855, 5863, 9262
Ejiri, S. 9298
Ek, B. 583
Ekberg, I. 2976
Eker, S. 154, 4506, 12212
Ékesson, H. 8038
Ekiz, H. 155, 3352, 4506, 7109
Eklöf, S. 4122, 10858, 11143
Ekši, A. 6142
El-Ahmer, B. A. 7504
El-Amrani, A. 12795
El-Ashry, M. M. 11551
El-Ashwah, F. A. 12607
El-Assily, K. A. 6063
El-Attari, H. 171
El-Aziz, A. A. A. 6948
El-Basiony, M. N. 5072
El-Bassam, N. 5639, 11087
El-Bawab, A. O. 6777-6778
El-Bogdadey, A. E. 12607
El-Bouhssini, M. 6767
El-Boustani, S. 8534
El-Enany, A. E. 8443
El-Euch, C. 12712-12713
El-Farash, E. M. 8443
El-Feki, T. A. 8731
El-Fiki, A. A. 12549
El-Filali, H. 8532
El-Fouly, A. M. 12636
El-Gamal, A. S. 6777-6778
El-Ghani, T. A. 12607
El-Habbad, L. 2168
El-Hadad, T. 8279
El-Haddad, L. 7978
El-Jack, A. E. 2633
El-Kassaby, Y. A. 1019, 1026, 1028, 5320, 5324, 6392
El-Keblawy, A. 1988
El-Kholi, M. M. 10833
El-Kholy, A. S. 9489
El-Khwaildi, N. A. 2561
El-Lateef, S. H. A. 12607
El-Maartaoui, M. 10948
El-Mandoh, M. E. 7504, 7507
El-Mandoh, M. E. M. 7518
El-Menoufi, M. M. 5603
El-Metainy, A. Y. 8087
El-Modafar, C. 8534
El-Mousadik, A. 5202
El-Nahrawy, M. A. Z. 1453
El-Olemy, M. M. 5455
El-Rouby, N. 9659
El-Said, M. E. 12762
El-Samad, H. M. A. 10428
El-Sayed, A. A. 6777-6778
El-Sayed, S. M. A. 12636
El-Sayed Emtithal, H. 12762
El-Sharkawy, M. A. 11612
El-Shazly, M. S. 11551
El-Sherbieny, H. Y. 3490
El-Sherbieny, H. Y. S. 6948
El-Sherbini, A. M. 6777-6778
El-Sherif, A. H. 12762
El-Shimy, A. A. 3720
El-Tinay, A. H. 4610
El-Turk, J. 4791, 5979, 8228
El-Zaher, M. H. A. 1728-1729
El-Zik, K. M. 2858, 2880
El-Zoka, T. A. 7108
Elbersen, H. W. 10356
Elborough, K. M. 7434
Elden, T. C. 10374
Eldik, G. J. van 4909, 8377, 9533, 10531
Elek, G. 6203
Elemery, M. I. 3510
Elena-Rosselló, J. A. 5283
Elesin, V. A. 181
Elgin, J. H., Jr. 5489
Elhag, H. 5455
Elia, A. 2560
Elia, F. M. 12492
Elias, E. M. 7870, 7914
Elías, F. E. 120
Elias, M. L. 1600
Eliasson, A. C. 11269
Elibüyük, S. Ö. 733
Elich, T. 3232
Eliseeva, A. A. 10041
Elizarraraz, G. 3115
Elkan, G. H. 9909
Elkind, Y. 9732
Elkonin, L. A. 3539-3540, 3546
Ella, E. S. 5929
Ellard-Ivey, M. 2851
Elle, E. 750
Ellekjær, M. R. 7977
Ellerbrook, C. 11247
Ellerström, M. 821, 5172
Elliot, G. M. 5377
Elliot, L. J. 10019
Elliot, W. R. 5377
Elliott, A. 8640
Elliott, A. R. 1832
Elliott, J. 6619
Elliott, N. C. 2131
Elliott, S. 8309
Ellis, B. E. 6332, 10864
Ellis, D. 7842
Ellis, D. D. 12851
Ellis, J. G. 9774
Ellis, M. 5568, 5929
Ellis, N. 12503
Ellis, P. R. 1632, 1637-1638
Ellis, R. H. 1255, 2121, 4700, 5849, 9926, 11108, 12193, 12462
Ellis, R. P. 9170, 9172
Ellis, S. A. 10079
Ellis, T. H. N. 1532, 3749, 10000
Ellstrand, N. C. 1383
Elmali, M. 9160
Elmayan, T. 28, 5531, 9730, 11883
Elmi, A. 10427
Elmqvist, T. 2109
Elmstrom, G. W. 2634
Elomaa, P. 6472, 7672
Elovson, R. 5689
Eloy, M. C. 2075, 7647
Elsakova, S. D. 2689
Elsen, J. M. 9999, 12086
Elven, R. 12420
Ely, P. R. 6566
Emam, A. K. 6208
Emam, G. M. L. 8731
Emami, M. K. 8322-8324
Emanuelsson, U. 6573
Emebiri, L. C. 10820, 12891
Emershad, R. L. 7399
Emery, R. J. N. 12
Emets, A. I. 4118
Emile, J. C. 411
Emmermann, M. 1564
Emmler, K. 7580
Emms, S. K. 6490
Emonds, A. 9705
Emoto, M. 348, 12368
Enaleeva, N. C. 10193
Enaleeva, N. K. 3540
Enard, C. 3747
Encheva, V. 1807, 7487
Enciso-Rodríguez, R. 13031
Endashaw Bekele 7092
Endemann, M. 12867
Endo, M. 7675
Endo, N. 9309
Endo, R. M. 2352
Endo, T. 7413, 8185-8186
Endo, T. R. 3367, 4480, 6707, 7923
Endre, G. 3678
Endress, P. K. 11950
Endrizzi, K. 4407
Enebak, S. A. 10922
Eneva, T. 1072, 6129
Engel, K. H. 11604
Engel, M. 9758
Engel, M. L. 4046
Engelbrecht, J. 1202
Engelmann, F. 7555, 11208
Engen, S. 6663
Engin, M. 10488
England, D. 9255-9256
England, J. 9525
Engle, L. M. 12577
Engler, G. 7810
English, J. 1079
English, J. J. 1179
Engqvist, G. 5960
Ennik, E. 3095, 6502
Enno, T. 6762, 10085
Enns, J. M. 3970, 8502
Entcheva, V. 7487, 7795
Epel, B. L. 11139
Epifanio, J. M. 6665
Epinat, C. 5760
Epple, P. 2084, 5542, 9049
Erbar, C. 11999
Ercolani, R. 10590
Erdelská, O. 8082
Erdelský, K. 1110, 2048
Erdiller, G. 733
Ereifej, K. I. 9507, 11567
Erel, N. 3308
Eremin, G. V. 3950, 7371
Erenoğlu, B. 3352, 4506
Ergon, Å. 4530, 5645
Eric Welsh Roses 4237-4239
Erickson, D. 6243
Erickson, E. H. 5205
Erickson, J. R. 5605
Erickson, L. 4788-4789
Erickson, L. R. 7096
Ericsson, N. A. 11675
Ericsson, T. 10964
Erikson, J. 1414
Eriksson, G. 986, 2923, 2976, 9784, 10964, 11964
Eriksson, I. 7476
Eriksson, S. 5195
Eriksson, U. 992, 11955
Eriş, A. 5111
Ermakov, S. A. 5693
Ermatov, A. M. 1872, 7598
Ermel, F. F. 705
Ermin, N. 4308
Ernst, D. 6544, 9934, 10699, 12854
Ernst, K. 11016
Erpelding, J. 1313
Erpelding, J. E. 106
Ershov, I. I. 7260
Erskine, W. 501, 6061
Erwin, T. 8746
Esaka, M. 6161, 11658
Esbroeck, G. A. van 11389
Escalante, J. V. 10725
Eschbach, J. M. 8774
Escobar, C. 9048
Escobar, R. H. 10556
Escorial, M. C. 4569
Escribano, M. R. 6045
Escudero, A. C. 6047
Escudero, J. 11153
Esendal, E. 8698
Eshed, N. 7777
Eshed, Y. 1647, 1653, 9346, 9570, 10592
Eshetu Lemma 1823
Esipov, R. S. 2491
Eskes, A. B. 1846, 11870
Eskridge, K. M. 2452, 6050
Esmenjaud, D. 3946, 12971
Esnault, R. 4791, 5979, 8228, 8244
Esparza, D. 8347
Espinosa, M. A. 8630
Espinosa Calderón, A. 4594
Esquerré-Tugayé, M. T. 6336, 11896
Esquibet, M. 429
Esselink, D. G. 5231
Essers, L. 5727
Essex, C. 75
Essig, W. 11994
Estabrook, G. F. 2107
Estabrook, P. 10666
Estañ, M. T. 609
Esteban, J. L. 4316
Estelle, M. 3234, 9026
Estes, M. K. 2490
Estes, P. M. 9650
Esteves Pereira, E. 12030
Estévez, A. 2486, 2495
Estienne, J. M. 10742
Estilai, A. 5210, 5274
Estragnat, A. 2760
Estruch, J. J. 6607
Eti, S. 702, 711, 5049, 6232
Etienne, A. L. 9422
Etienne, H. 8773
Etiévant, P. X. 9565
Etoh, T. 566, 4954
Eubanks, M. 5837
Eubanks, M. W. 10164, 10240
Eun, J. S. 1084
Eun JongSeon 1084
Eurola, P. 2974
Evangelista, A. R. 4785
Evangelista, R. 12310
Evans, A. C. 4267
Evans, A. S. 5176
Evans, C. 4771, 7091, 11486
Evans, D. H. 945
Evans, D. R. 10383
Evans, E. J. 7438, 10769
Evans, G. E. 3043, 4217
Evans, G. M. 10361
Evans, I. J. 889
Evans, K. M. 3933, 7362
Evans, L. T. 12072
Evans, M. L. 11187
Evans, M. M. S. 270, 11221
Evans, S. A. 10383
Evenson, R. E. 10285
Everard, J. D. 9542
Evers, A. D. 1282
Evert, R. F. 275
Evrard, J. L. 2756
Evstratov, N. 10956
Ewald, A. 8866
Ewald, C. 1011
Ewald, D. 6365
Ewart, L. C. 1946
Exley, E. M. 5167
Expert, J. M. 7074
Expósito, A. J. 3030
Eychene, J. 12958
Eyhérabide, G. 3533
Eyhérabide, G. H. 3429, 3476, 8094, 11356
Eyob, S. 5052
Eyre-Walker, A. 8987
Ezcurra, C. 13001
Ezcurra, I. 821, 5172
Ezhova, T. A. 2105
Ezumah, H. C. 3821
Ezura, H. 10621
Ezura, Y. 1132
Fabbri, A. 7730
Fabre, J. L. 2168, 7978
Fabry, S. 3865
Facchini, P. J. 4303, 9873, 12037
Faccini, N. 8032

Faccioli, G. 620
Facsar, G. 11732
Fadón, B. 1678
Fady, B. 1021, 2967
Faedi, W. 5118, 5121
Færgestad, E. M. 7977, 9165
Faeti, V. 2813, 2910, 2912, 3723, 5269, 8367, 12497
Fageria, M. S. 9569
Fageria, N. K. 10332
Fagerlind, F. 11990
Fagerström, R. 9163
Faheem Hamid 1560, 1563
Fahim, M. 4657
Fahleson, J. 11793
Fahmy, G. M. 12479
Fairbanks, D. J. 2780, 6617
Fairey, D. T. 1444
Fairey, N. A. 1436, 1444
Fairweather, G. 4336
Faisal, R. I. I. 3490
Faiss, M. 6327, 12819
Faivre-Rampant, P. 2942, 12879, 12908
Faizuddin, M. 5293
Faktor, O. 3728, 9430, 11554
Falavigna, A. 4987-4988, 4996
Falbel, T. G. 3323
Falcinelli, M. 1428, 5974, 11210, 11494, 12414
Falco, M. C. 5214
Falco, S. C. 9740
Faletra, P. 7706
Falistocco, E. 8911
Falk, A. 3245
Falk, D. E. 9168
Falk, K. C. 7449
Falkenhagen, E. 10963
Falkowski, M. 8198
Fallavier, P. 10251
Fallet, V. 11906
Falloon, P. G. 4974, 7304
Falloon, R. 9511
Fălticeanu, M. 4851
Falusi, M. 4167
Fambrini, M. 5184, 10790, 12744
Famelaer, I. 3095, 6502
Fan, B. F. 10312
Fan, B. H. 9770
Fan, H. 6273
Fan, H. Q. 5878
Fan, J. 6355
Fan, K. C. 10341
Fan, K. Z. 5137
Fan, L. 4476
Fan, L. F. 1129
Fan, O. Y. 11960
Fan, P. 12229
Fan, R. W. 6384, 11951
Fan, S. H. 11968
Fan, S. W. 11354
Fan, S. X. 1642
Fan, T. Y. 4590
Fan, Y. H. 2746
Fan, Y. L. 11445
Fan, Y. M. 11287
Fan, Y. Y. 4575, 10127
Fan BaoFang 10312
Fan BaoHua 9770
Fan Hui 6273
Fan HuiQin 5878
Fan Jian 6355
Fan KunCheng 10341
Fan LeiFa 1129
Fan OuYang 11960
Fan Ping 12229
Fan RuWen 6384, 11951
Fan ShenWen 11354
Fan ShiHe 11968
Fan ShuangXi 1642
Fan TingYu 4590
Fan YiMin 11287
Fan YinYan 4575, 10127
Fan YongHong 2746
Fan YunLiu 11445
Fanedl, L. 12491
Fang, C. 2627
Fang, C. Q. 2674
Fang, D. Q. 12689-12690
Fang, G. H. 10767, 12719
Fang, H. H. 1507
Fang, H. J. 2166, 5529
Fang, J. H. 3154
Fang, J. L. 1129, 2361
Fang, L. W. 4682
Fang, Q. M. 12038
Fang, R. 4500
Fang, R. Z. 7663
Fang, T. 8993
Fang, W. P. 6349
Fang, X. J. 2635, 2640
Fang, X. P. 12766
Fang, X. W. 169, 9128
Fang, Y. 9346
Fang, Z. D. 8402
Fang, Z. Y. 2533, 2539, 4959, 7282, 7288, 10580
Fang ChengQuan 2674
Fang GuangHua 10767, 12719
Fang HongJun 2166, 5529
Fang JiaHe 3154
Fang JiangLin 2361
Fang JuLian 1129
Fang LiWen 4682
Fang QingMao 12038
Fang RuiZheng 7663
Fang Tung 8993
Fang WeiPing 6349
Fang XianWen 169
Fang XiaoPing 12766
Fang XiuJuan 2635, 2640
Fang ZhiYuan 2533, 2539, 4959, 7288, 10580
Fang ZhiYuang 7282
Fang ZhongDa 8402
Fanizza, G. 11283
Fankhauser, C. 3232
Fantauzzi, P. 3918
Fantz, P. R. 3152
Farbos, I. 12987
Farci, M. 2713
Faretra, F. 2702
Fargette, D. 4934, 6146
Farghali, M. A. 4890
Faria, L. P. 8415
Farias, F. J. C. 2903, 9768, 10867, 10879-10880
Faridah Hanum, I. 12066
Faris, D. G. 6774-6775
Faris, J. D. 4532
Farjon, A. 4195
Farkas, J. M. 11997
Farmer, E. E. 6083
Farnden, K. J. F. 1640
Farnham, M. W. 8425
Farnsworth, B. L. 6080
Faroda, A. S. 10756
Farooq, S. 4685
Farrand, S. K. 11891
Farrás, R. 6801
Farrell, A. 7315
Farrell, E. M. 7745
Farrell, L. B. 4403
Farrell, R. C. C. 10904
Farshadfar, E. 4463
Farsi, M. 6691
Fărtăiş, L. 516
Faruque, M. O. 10326
Faryabi, A. 9681
Farzana, C. 12527
Fath, A. 5672
Fathi, G. 6795, 10113
Fatokun, C. A. 517
Fatteh, U. G. 1828
Fauquet, C. 4934, 7241, 10552
Faure, J. 4728
Faure, J. E. 1241
Faure, J. P. 10057
Faure, O. 6545
Faure, R. 10742
Faurie, C. 6808
Fauron, C. 5724
Fautrier, A. G. 4992, 7182, 12511
Fauveau, M. L. 5289
Faver, K. L. 2880
Favire-Rampant, P. 4210
Favre, J. M. 2932
Favret, E. A. 2150
Fay, M. F. 4157
Fayad, A. N. 1581
Faye, L. 6614
Fazio, L. di 5405
Fazlullahkhan, A. K. 325, 327, 3561
Fazuoli, L. C. 7554
Fé, C. de la 4914
Fearing, P. L. 9257
Featherstone, C. 29
Febles, G. 2303
Fecker, L. F. 4132, 9754
Fedak, G. 1343, 3364
Fedenko, V. S. 9244
Federici, C. T. 12689
Federico, R. 10474
Federizzi, L. C. 2752, 3395-3396, 7804, 8053, 9182, 10077
Federspiel, N. 9004
Fedoroff, N. 3454, 5710, 5736
Fedoroff, N. V. 51
Fedorova, T. A. 9318
Fedotova, V. D. 122, 2145
Fedotova, Yu. S. 4437
Fedulov, Yu. 7987
Fehér, A. 7097, 9344, 11497
Fehr, W. R. 4813, 4834-4835, 6018
Fei, F. H. 9411
Fei FuHua 9411
Feierabend, J. 3409
Feil, B. 6883, 6946, 11327
Feix, G. 2268, 5712, 5782, 10201
Fejes, E. 4399
Fekete, G. 558
Felber, F. 3260
Feldbrügge, M. 9890
Feldman, M. 2137, 7885, 9105, 11242
Feldman, M. W. 7847, 11199
Feldmann, K. A. 2992, 6629, 7826, 9042
Feldmann, P. 3104, 8639
Felföldi, J. 7266
Felhósné Váczi, E. 8488
Felice, M. de 4071
Felício, J. C. 6692, 6696, 6713, 6751-6752
Felipe, A. 3946, 6185
Felitti, S. A. 9677
Felix, G. 68, 2084
Fell, D. A. 7225
Felle, H. H. 11497
Feller, U. 3730
Fellers, J. P. 6624
Fellowes, M. D. E. 7645
Feng, F. Z. 6270
Feng, G. H. 4471
Feng, H. 1616, 2547, 7284
Feng, H. W. 7592, 12832
Feng, L. X. 1644, 2590
Feng, M. 5402
Feng, M. Q. 10664
Feng, Q. 5275, 6271
Feng, Q. H. 1595
Feng, Q. P. 7199
Feng, R. G. 3609
Feng, R. Z. 2413
Feng, X. R. 4993
Feng, X. Y. 861, 1827
Feng, Y. 2141
Feng FuZhen 6270
Feng HengWen 7592, 12832
Feng Hui 1616, 2547, 7284
Feng LanXiang 1644, 2590
Feng MeiQi 10664
Feng Min 5402
Feng QiHuan 1595
Feng Qin 5275
Feng QingPing 7199
Feng RuiGuang 3609
Feng RuiZhi 2413
Feng XiangYun 861, 1827
Feng Yu 2141
Fenning, T. M. 1607, 12883
Fenster, C. B. 8831, 11212, 12982, 12988-12989
Fenwick, G. R. 3688, 4333, 9446
Ferenczy, A. 10581
Ferguson, A. R. 4342, 7400, 11760, 12678
Ferguson, D. L. 5258, 9763
Ferguson, I. K. 11513
Ferguson, L. 4329
Ferguson, M. 11569
Ferguson, M. E. 500
Ferguson, T. 4563
Ferl, R. J. 60, 1196, 5569, 10146
Fermanian, T. W. 7076
Fern, Y. S. 2104
Fern YipSoo 2104
Fernandes, J. S. C. 9183
Fernandes, M. S. 10333
Fernandes, R. 6885
Fernandes-Carvalho, E. 1777
Fernandes Ferreira, M. 6356
Fernandes Soares, S. 2312
Fernández, A. 187, 3365-3366, 3533
Fernández, C. 3946, 6185
Fernandez, D. 11151
Fernandez, D. E. 3288
Fernández, E. 10853
Fernández, H. 7707
Fernandez, M. R. 4525, 7913
Fernandez, N. A. 6180
Fernandez, P. G. 1416
Fernandez-Carvajal, M. C. 9340
Fernández de Córdova, P. 8429, 8452
Fernández Jiménez, S. 3127
Fernández-López, J. 815, 10760
Fernández-López, J. A. 10701
Fernández-Martínez, J. 2763, 10768
Fernández-Martínez, J. M. 7480, 11819
Fernández-Muñoz, R. 5483
Fernández-Piedra, M. 4013
Fernandez-Prieto, J. A. 9340
Fernández-Vega, Z. 10831
Fernando, A. 6885
Fernando, W. M. U. 7080, 12751
Ferrando, M. 8135
Ferrão, M. A. G. 6905
Ferrão, R. G. 6905
Ferrara, E. 11827
Ferrario, S. 12338
Ferraz, L. C. C. B. 4843
Ferraz de Arruda Veiga, R. 1826
Ferraz Júnior, A. S. de L. 10333
Ferree, D. C. 10705
Ferreira, A. 9375
Ferreira, D. F. 7168
Ferreira, D. I. 9627
Ferreira, E. J. L. 5308
Ferreira, F. R. 7403, 9637
Ferreira, J. M. 3499
Ferreira, R. de P. 10336
Ferreira, R. P. 4744
Ferreira, S. 9644
Ferreira, V. 10284
Ferreira Filho, A. W. P. 6692, 6696, 6713, 6751-6752, 8005
Ferrer, E. 3400
Ferrero, C. 7888
Ferrero, M. 7888
Ferreyra, L. L. 1032
Ferrini, F. 4067
Ferris, D. G. 5986
Ferris, R. S. B. 8519
Ferris, S. 6212, 6220
Ferrol, N. 598
Ferullo, J. M. 7105
Fery, R. L. 3896, 8345
Festoc, G. 1769
Fett, J. 2102
Feuillet, C. 4536, 5658, 6231, 10902
Fevereiro, P. 11834
Fideghelli, C. 7345, 8483
Fideghelli, F. 8942
Fido, R. J. 852
Fiedler, U. 9438, 11889
Fieg, S. 10101
Field, J. A. 6550
Field, R. J. 4992

Fields, C. 7770
Figueira, A. R. 8454
Figueiras, A. M. 1344
Figueiredo, J. O. 7415
Figueiredo, P. 7525-7527
Figueiredo, R. A. de 7402
Figueras, M. 4360
Figueroa, J. D. C. 288
Filatov, A. 11519
Filek, W. 3696-3697
Filella, I. 9171
Filgueira, R. R. 128
Filgueiras, T. S. 4780
Filimonov, A. V. 2106
Filipecki, M. K. 7342, 11662
Filipenya, V. L. 8500
Filipowicz, W. 3175
Filippetti, A. 4846
Filippi, M. C. 391, 4744, 4748
Filippi, M. C. de 7061
Filippini de Delfino, O. 2584
Filippis, L. de 2847
Fillion, L. 8476
Fils-Lycaon, B. R. 2677
Finch, R. P. 11406
Fincher, G. B. 1311, 1323, 6780
Findlay, K. 1071
Fine, T. I. 10563
Finer, J. J. 12109
Finer, K. R. 12109
Fineschi, S. 812
Fink, G. R. 2090
Finkelstein, R. B. 3242
Finlay, K. W. 7877
Finn, C. E. 3963
Finnegan, E. J. 47, 9774
Finnegan, P. M. 11523
Finnerty, S. L. 7162
Finney, P. L. 158
Fioravanço, J. C. 9645
Fiore, M. C. 1798, 4060, 7493
Fiore, N. 5249
Fiorino, P. 4067, 11830
Firat, A. E. 7764
Firek, S. 7825
Firth, A. 10953
Fisahn, J. 912, 3290
Fisch, R. D. 6610
Fischbeck, G. 3382
Fischer, C. 8472
Fischer, D. 12683
Fischer, H. 11462
Fischer, I. 636
Fischer, K. 8074
Fischer, M. 7379, 8468, 11092, 11734
Fischer, R. 7575, 10699, 12543
Fischer, R. A. 5602
Fischer, R. L. 2094
Fischer, W. N. 7822
Fish, L. J. 11247
Fisher, D. K. 9187
Fisher, J. M. 184
Fisher, K. A. 3054
Fisher, K. J. 6128
Fisher, P. J. 2069
Fisher, R. H. 3218
Fisher, T. H. 3530
Fisichella, M. 5184
Fisscher, U. 9722
Fitch, M. 9643-9644
Fitch, M. M. M. 4090, 9642
Fitchen, J. H. 11139
Fits, L. van der 8909
Fitt, G. 8744
Fitt, G. P. 11910
Fitter, J. T. 1441
Fitz Maurice, B. 5440
Fitz Maurice, W. A. 5440
Fitzgerald, M. S. 4372
Fjeld, T. 1085, 1138
Flachmann, R. 5243, 9735
Fladung, M. 3793, 8786, 9787-9788, 10529, 10913, 11919, 11935, 12871
Flagler, R. B. 9322
Flamme, W. 3417
Flanders, K. L. 6094
Flandre, F. 12504
Flath, R. A. 10198
Flavell, A. J. 535, 6779
Flavell, R. B. 5413, 6845, 11323
Flechner, A. 3842
Fleck, J. 6318, 8690
Flegmann, A. 951
Flegmann, A. W. 9778-9779
Fleisher, A. 4001
Fleisher, Z. 4001
Fleming, A. J. 595, 4111
Fleming, J. E. 12462
Flesch, R. D. 10450
Fletcher, D. 9270
Fletcher, R. A. 505, 12331
Flett, S. P. 2403
Fleuriet, A. 8534
Fleury, A. 4642
Fleury, M. D. 11315
Fliegmann, J. 11543, 12312
Flint, S. 9258
Flintham, J. E. 1282, 5629
Flipo, S. 10845
Flipse, E. 1575
Flood, R. G. 6788
Florack, D. E. A. 1050, 3001
Flores, D. 6801
Flores, F. 480, 4848
Flores, R. A. 292
Flores, S. 7817
Flores Soto, S. 3477
Florissen, P. 7410
Flowers, S. K. 3233
Flowers, T. J. 10334
Floyd, R. 11926
Floyd, T. 10925
Fluch, S. 8781, 12863
Flügge, U. I. 8074
Fluhr, R. 1206, 6330, 9570, 10592
Fluminhan, A. 6922, 10184
Fluminhan, A., Jr. 5745
Flynn, P. 12310
Foale, M. A. 7753
Fobasso, M. 323
Fobert, P. 1070, 9060
Fobert, P. R. 1962
Fock, H. 12135, 12816
Fofana, B. 5946, 11557
Fogain, R. 5141, 10736
Foggi, B. 5405, 5959, 9333
Fogle, H. W. 4341
Foisset, N. 4028, 7452
Foley, M. E. 3394
Foley, R. C. 7166
Folkertsma, R. T. 12542
Folling, L. 3655
Folsom, M. W. 4941
Fonseca, N. A. N. 2352
Fonseka, H. 4912
Fonseka, H. H. D. 9485
Fontana, G. 11010
Fontes, P. C. R. 4861
Fonzo, N. di 7898, 7904, 10124
Foolad, M. R. 610, 3878, 8442, 12610
Foot, J. Z. 12415
Foote, T. 1259
Forbes, G. 3802-3803
Forbes, G. A. 11289
Forbes, M. R. 6604
Ford, B. A. 2690
Ford, J. L. 1464
Ford, R. 8670, 12510
Ford, V. S. 9837
Ford-Lloyd, B. V. 892, 1610, 6579, 7051, 7758, 7761-7762, 7767, 8137, 11402, 12068
Forde, B. G. 8926, 10853
Fordham-Skelton, A. P. 12122
Forkmann, G. 6474
Forlani, G. 916
Forlani, M. 7387, 7398, 10686
Formanová, N. 10159
Fornal, J. 3762
Fornara, M. 7896, 7900, 7905
Fornasieri Filho, D. 2352, 7171
Foroughi-Wehr, B. 221
Forsberg, R. A. 4570
Forsline, P. L. 3927, 10648
Forsman, C. 12869
Forster, B. P. 5519, 8036, 9172, 10116-10117
Forster, P. I. 4214, 4291, 8818
Forster, R. 5081
Forster, R. L. S. 3652
Forsyth, A. 12555
Fortin, C. N. 3924
Fortin, M. G. 10586
Fortunato, R. H. 2951
Fortune, M. T. 9356
Forveille, L. 6207
Forward, B. S. 12909
Fos, M. 1649
Fosket, D. E. 12111
Fossati, A. 4837, 5696, 6815, 6817, 6878, 6883
Fossati, D. 6815, 6883, 11327
Foster, E. M. 7881
Foster, G. D. 594
Foster, G. S. 10957
Foster, J. E. 6949
Foster, L. M. 5463
Foster, M. A. 5277
Foster, M. C. 1147
Foster, R. 7581, 12839
Fouad, M. M. 1728-1729
Foulkes, M. J. 7990
Fouré, E. 8519
Fournet, F. 9999
Fournier, D. 624, 4770
Fournier, J. 6336
Fourré, J. L. 5322, 12902
Fowke, L. C. 6651
Fowler, D. B. 6750
Fowler, J. C. S. 8521
Fowler, J. E. 2270, 6936
Fowler, J. L. 5277
Fox, G. P. 8023
Fox, P. N. 11, 114-115, 162, 3147, 6814
Fox, S. L. 8055, 10125
Fox, T. W. 5751
Foy, C. D. 3349, 3383
Foyer, C. H. 6377, 11133, 12873
Fraisier, V. 9357
Franca, A. 407
França, G. A. 3501
France, Centre Interrégional de Recherche et d'Expérimentation de la Fraise 2693
France, Institut National de la Recherche Agronomique 7347, 7363, 7370, 7372, 7378, 12710, 12716
France, Union Nationale Interprofessionnelle des Légumes Transformés 1522, 9428, 9537
Francesch, C. 10918
Francesch, M. 4558
Franceschi, V. R. 9426
Franceschini, M. 5022
Franche, C. 8794
Franchi, A. S. de 1322
Franchi, G. G. 7861, 10013
Francis, D. 9325
Francis, K. 12851
Francisci, R. 3918
Francisco, L. C. 3549
Francisco, O. 9670
Franck-Oberaspach, S. L. 7779
Franckowiak, J. D. 1334
Francl, L. J. 4532, 7914
Franclet, A. 2989
Franco, F. di 6907
Franco, J. 11329
Franek, M. 1794
Frank, J. 7559
Frank, S. A. 19, 21
Frankard, V. 9961
Franke, A. 6235
Franke, R. 8924
Frankel, O. H. 5499
Franken, J. 6417, 9849
Franken, P. 13042
Franken-Bembenek, S. 11711
Frankham, R. 3256, 6337, 6659
Franklin, F. C. H. 1106, 9531
Franklin-Tong, V. E. 1106-1107
Franko Roses 12947-12949
Franssen, H. 11880
Fransz, P. F. 1965, 2569
Franz, C. 8912
Franzén, H. 9802
Franzmann, B. A. 9270-9271
Franzon, J. F. 8070
Frappier, J. R. H. 2283
Frary, A. 931, 7308, 11641
Frascaria-Lacoste, N. 10680, 10928
Frascaroli, E. 5748
Fraschina, A. 2584
Fraser, E. 1971
Fraser, J. A. 701
Fraser, L. G. 4342, 12679
Fraser-Kevern, H. A. 4981
Frattini, F. 2122
Fray, M. J. 10769
Fray, R. G. 1652
Frazer, E. J. 8897
Frček, J. 11592
Frchek, Ya. 11592
Frecon, J. L. 7388
Frederick, R. 11644
Frederick, R. D. 5039
Frederico, A. P. 7548
Frederiksen, R. 5856
Frederiksen, S. 12301
Freedman, T. 9903
Freeling, M. 1254, 2270, 5740, 5758, 5763-5764, 5773-5774, 5783, 6930, 6935-6936, 8086, 9086, 9226, 12322
Freeman, D. 4371
Freeman, D. C. 8190
Freeman, G. W. 5373
Fregene, M. 12561
Fregoni, M. 10698
Freialdenhoven, A. 7780
Freire, E. C. 10879
Freire, M. 12795
Freire, M. S. 10336
Freire, V. 11541
Freitas, E. V. de 9646
Freitas, H. 4782
Freitas, J. G. de 6751-6752
Freitas, L. H. C. de 2411
Freitas, M. 10553
Frejnagel, S. 2444
Frencel, I. 10777
Frencel, I. M. 12213
Frenda, A. S. 2462
Freppon, J. T. 1379
Frérot, B. 10843
Frese, L. 7542, 11867
Freudenstein, J. V. 11043
Frey, F. 2458, 7165
Frey, L. 8222, 8951
Frey, M. 11339
Freyer, R. 11216
Freyssinet, G. 6933
Frías, I. 1364
Fridborg, I. 9024
Fridlender, M. 5730
Fridlundh, B. 887
Friebe, B. 1297, 1304, 4544, 9100
Friebe, B. R. 5620
Fried, P. M. 5653
Frieder, O. 5493
Friedman, M. 3787, 6082
Friedman, Y. 4891
Friedrich, L. 5251, 7842, 9993
Friedt, W. 223, 1335, 6800, 7492, 10603, 11620
Fries, A. 4192
Friesen, L. 10764
Friesen, N. 12581-12582
Frijters, A. 6798
Frijters, A. C. J. 7299
Frischmuth, T. 9758
Frison, E. A. 10722, 11109
Fritig, B. 6609
Fritsch, R. 1598
Fritsch, R. M. 3833
Fritz, J. O. 5978
Fritz, P. J. 2831
Fritz, R. S. 1887, 8788, 9792
Frizzell, B. S. 12831
Fröborg, H. 2691
Frohnmeyer, H. 9891, 9946
Frølich, W. 2234-2235

Fromm, H. 2137, 6640
Fromm, M. E. 5518, 6915
Frommer, W. B. 64, 1252, 1568, 1865, 2582, 4910, 7822, 9426
Froněk, D. 12791
Froneman, I. J. 7416
Frongia, L. 6697, 6954-6955, 7905, 10266
Fronza, V. 12215
Frost, L. N. 1222, 3245, 11196
Frugier, F. 7103, 11497
Frugoli, J. A. 3195
Frühling, M. 2440, 4847, 6034
Frulleux, F. 5009
Frusciante, L. 2484, 7227, 10543, 12202
Frutos, E. 3524-3525
Fry, J. E. 5518
Fry, S. C. 1210
Fry, W. E. 550
Fu, C. M. 9727
Fu, C. X. 366
Fu, C. Z. 12465
Fu, D. Z. 5402
Fu, F. H. 3635
Fu, G. A. 9900
Fu, G. X. 2413
Fu, J. H. 10444
Fu, J. M. 6273
Fu, L. H. 7291
Fu, L. X. 9660
Fu, S. Z. 4048, 7462, 8569, 12729
Fu, T. D. 5175, 7270, 7455, 11796, 11802
Fu, X. F. 2513
Fu, X. L. 419
Fu, X. X. 1784
Fu, Y. B. 1057
Fu, Y. X. 6414
Fu, Z. 10561
Fu, Z. Q. 1697
Fu ChunMei 9727
Fu ChunXia 366
Fu CuiZhen 12465
Fu DeZhi 5402
Fu GuiXiang 2413
Fu GuoAi 9900
Fu JinMin 6273
Fu JunHua 10444
Fu LianHai 7291
Fu LiXia 9660
Fu ShouZhong 7462, 8569, 12729
Fu TingDong 7455
Fu XinFa 2513
Fu XiuLi 419
Fu XiXiao 1784
Fu YongBi 1057
Fu YuXi 6414
Fu Zhe 10561
Fu ZhenQing 1697
Fuccillo, D. 13063
Fuchs, E. 743, 9707, 10278
Fuchs, J. 38, 1512, 7352
Fuchs, M. 12631
Fuchs, R. F. 11040
Fuchs, R. L. 1871, 4375, 6031, 6353-6354
Fuente, J. M. de la 9641
Fuente García, V. de la 10353
Fuentes, E. 7111
Fuentes-Dávila, G. 8000
Fuertes, A. 6859
Fueyo, G. M. del 4213
Fuglevand, G. 5557
Fuhrmann, J. J. 2428
Fuji, S. 5936
Fujie, M. 12813
Fujii, H. 10366
Fujii, T. 2850, 9971
Fujiie, A. 4246
Fujime, Y. 1620, 7287, 7423
Fujimoto, F. 405, 1448
Fujimoto, S. Y. 445
Fujimoto, T. 4932
Fujimoto, Y. 7649
Fujimura, T. 352, 3580, 4680, 4691, 7014, 9291
Fujisawa, H. 5902, 11179, 11186
Fujishige, N. 9346
Fujita, H. 5553
Fujita, K. 6931
Fujita, M. 6766, 10038
Fujita, R. 7138
Fujita, T. 12596
Fujita, Y. 7005
Fujiwara, H. 1951
Fujiwara, T. 12463
Fujiyama, H. 7173
Fukada, T. 5460
Fukada-Tanaka, S. 12995
Fukai, S. 208, 368, 382, 4266, 6971, 6973
Fukaki, H. 11179, 11186
Fukasawa, K. 7212
Fukuchi-Mizutani, M. 1951
Fukuda, E. 9350
Fukuda, H. 6469, 9832, 9875, 11671, 12996
Fukuda, M. 6553
Fukuda, S. F. 12615
Fukuda, Y. 7570, 9752
Fukuhara, T. 12003
Fukui, H. 4243, 9823, 12590
Fukui, K. 1236, 2717, 5745, 7005, 9281, 9311, 9663, 9724, 10184
Fukui, Y. 1951
Fukumasa-Nakai, Y. 3133, 6553
Fukunaga, K. 9273
Fukunaga, Y. 6430
Fukuoka, H. 2738, 6200
Fukushima, A. 12378
Fukushima, H. 4894, 10522
Fukuta, N. 598
Fukuyama, T. 11314
Fulcher, R. G. 10210
Fulda, M. 8556
Fuleki, T. 11752
Fuller, M. P. 1630, 7290
Fullerton, S. 3507
Fullner, K. 11150
Fulzele, G. R. 8602
Funada, R. 4894
Funatsuki, H. 1423
Fundora, Z. 798
Fungaro, M. H. P. 10389
Fungfupong, S. 2346
Funke, R. P. 459, 11519
Fuochi, P. 2911
Furbank, R. T. 4262, 9833
Furini, A. 4356, 12005
Furman, B. J. 6816, 11963
Furmanowa, M. 6413
Furner, I. J. 72
Furnier, G. R. 4189, 9610, 12665
Furr, R. E., Jr. 5259
Fursov, V. N. 5254-5255
Furstoss, V. 429
Furtek, D. B. 2831
Furui, S. 7297
Furukawa, Y. 5158
Furuta, A. 5900
Furuta, Y. 137, 10054
Furuya, M. 1979, 2101, 10366
Fusé, C. B. 8054
Fuss, A. M. 3026
Fütterer, J. 3183
Gaafar, E. S. M. 11551
Gabara, B. 7176
Gabay-Laughnan, S. 5753, 9213
Gabbrielli, R. 4510
Gabellini, E. 2811, 10836
Gabert, A. 7775
Gabert, V. M. 5678, 10110
Gabriel, B. 11604
Gabriel, D. W. 969
Gabriel, J. 12536
Gabrielian, A. 8980
Gabrilavičius, R. 999
Gadag, R. N. 7146
Gaddour, K. 9422
Gadisseur, I. 50
Gadzetskaya, E. O. 2276
Gafni, Y. 6331
Gage, D. A. 9635, 10200
Gagne, G. 856
Gagnon, H. 4314
Gago, G. 9677
Gago, S. 6300
Gagro, M. 3794
Gahukar, S. J. 9472
Gai, J. Y. 5999, 8253, 8264, 8278, 9382, 9419, 12467
Gai JunYi 5999, 8253, 8264, 8278, 9382, 9419, 12467
Gaido, Z. A. 11264
Gaikwad, A. 3748
Gaikwad, K. 8561, 11800
Gaines, C. S. 158
Gajanayake, G. 12751
Gajda, Z. 6898
Gajzágó-Schuster, I. 3756
Gal, O. 8075
Gal, S. 3246, 6248
Galán, B. 6554
Galán Saúco, V. 7421
Galasso, I. 7107
Galatis, B. 3314
Galbraith, D. W. 7565, 12313
Gale, M. 1259
Gale, M. D. 1391, 4497, 5612, 5629, 6683, 7925, 8121, 9106
Galeazzi, M. A. M. 6227
Galegati, C. 10539
Galgaro, L. 2770, 6272
Galian, L. R. 10229
Galiana, E. 5251
Galiba, G. 2126, 4514, 12269, 12272
Galicia Fuentes, S. S. 5407
Galili, G. 3217, 3371, 6331, 9015, 9975
Galili, S. 9346
Galinat, W. C. 5733, 5801, 5803, 5822-5823, 10217-10218
Gális, I. 5399
Gallagher, D. T. P. 9499, 12541
Gallagher, J. L. 3640
Gallais, A. 1150, 2241, 3247, 5760, 11257
Gallant, P. 3210
Gallardo, F. 12894
Gallego, F. J. 4242, 12302
Gallego, M. 10096
Gallelli, A. 6329
Gallerani, R. 1798-1799, 10785
Gallet, M. 7366
Galletta, G. J. 3970, 4342, 8502
Galli, V. 10043
Gallia, V. 2176
Gallie, D. R. 3181
Gallitelli, D. 6131
Gallo, G. 172, 7899, 7901, 10070
Gallo, P. B. 1420, 6692, 7002, 7995, 9639
Gallo-Meagher, M. 2800
Gallois, P. 2077, 9021, 9965
Gallotti, G. J. M. 10450
Galloway, L. F. 11212
Galmarini, C. 8409
Galston, A. W. 11204
Galterio, G. 2122, 2178, 7980
Galván, G. A. 11631
Galvão, E. U. P. 4744
Galvão, J. C. C. 6943, 10261
Galvêas, P. A. O. 6905
Galvez, G. 8660
Galway, M. E. 7841
Galwey, N. 11558
Galwey, N. W. 870, 980, 4884, 7926, 8284
Galyaltdinov, M. K. 4523
Gama, E. E. G. 3498
Gama, M. I. C. S. 4935, 10452
Gamage, N. 2708, 9628
Gamas, P. 426
Gamberini, G. 2914
Gambhir, P. N. 4485, 10078, 11280
Gan, L. 7446, 7482
Gan, S. S. 8970
Gan, Y. 3414, 5692
Gan Li 7446, 7482
Gan SuSheng 8970
Gana, J. A. 12271
Ganal, M. W. 11086
Ganapathi, A. 787
Ganapathi, T. R. 8165
Ganapathy, S. 8160-8161
Gancheva, A. 298
Gandeboeuf, D. 11099
Gandelin, M. H. 12928
Gander, E. 7807
Gander, E. S. 12409
Gandhi, S. 11019
Gandhi, S. K. 640, 11386, 12619
Gandoin, J. M. 4762
Gandul-Rojas, B. 4072
Gandullo, R. 11481
Ganesamurthy, K. 455
Ganesan, J. 1716, 2661
Ganesh, M. 9443
Ganesh Prasad 8586
Ganeshan, G. 8312
Ganeshan, P. S. 7550
Ganeva, G. 4543
Gang, D. R. 6434
Gang, G. 3421, 8061
Gangachin, A. A. 9104
Gangappa, E. 10791
Gangopadhyay, C. 9572
Gangopadhyay, G. 12821
Gangopadhyay, M. 10934, 10943
Gangopadhyay, S. 7509
Ganguli, D. K. 7957
Ganguly, A. K. 1873
Ganivet, L. 10586
Gannaway, J. R. 2880, 2898, 8741, 10877
Gantet, P. 1852
Gantt, E. 1209
Gantt, J. S. 12153, 12441
Gao, H. F. 5930
Gao, H. P. 5931
Gao, J. H. 2366
Gao, J. L. 1972
Gao, J. W. 5237
Gao, J. Y. 1973, 4552
Gao, L. S. 6270
Gao, L. Z. 12381
Gao, M. 9187
Gao, M. J. 8286
Gao, M. W. 2330, 3591, 4688
Gao, P. P. 2420
Gao, Q. J. 4542
Gao, Q. K. 2735
Gao, Q. R. 6719
Gao, Q. X. 3110
Gao, R. S. 7045
Gao, S. G. 10086
Gao, S. L. 3112, 6529
Gao, S. Z. 1691, 7328
Gao, T. R. 9893
Gao, X. F. 10631
Gao, X. H. 10421
Gao, Y. J. 6571
Gao, Y. P. 4462, 6536
Gao, Y. Z. 1408
Gao, Z. H. 1644, 2580, 2590, 5002
Gao, Z. T. 2512
Gao, Z. W. 1567
Gao HanFang 5930
Gao HePing 5931
Gao JiaHua 2366
Gao JiaLin 1972
Gao JiangYun 1973
Gao JianWei 5237
Gao JiYin 4552
Gao LiangZhi 12381
Gao LiuShen 6270
Gao Ming 9187
Gao MingJie 8286
Gao MingWei 2330, 3591
Gao PingPing 2420
Gao QiangJun 4542
Gao QiKang 2735
Gao QingRong 6719
Gao QingXiang 3110
Gao RuSong 7045
Gao ShanLin 3112
Gao ShengGuo 10086
Gao SuoZhu 1691, 7328
Gao TianRong 9893

Gao XinFen 10631
Gao XinHua 10421
Gao YanPing 4462
Gao YuanJun 6571
Gao YunPeng 6536
Gao YuZhu 1408
Gao ZhenHua 1644, 2580, 2590, 5002
Gao ZhuTai 2512
Garay, A. A. 2957
Garay, G. 1350, 5700
Garay, L. A. 8888
Garay, V. 11945
Garber, R. H. 2900
Garcha, A. I. S. 11850
Garcha, H. S. 2004, 2006
Garcia, A. 4827, 5854
Garcia, A. A. F. 2408
Garcia, A. G. 11435
García, C. 9174
Garcia, C. E. A. 2879, 8740
García, D. 4108
Garcia, D. 12091
García, E. 7174, 9632
García, E. de 11767, 11871
García, E. H. 6042
García, F. A. 589, 3068
Garcia, G. 3497
Garcia, G. M. 2772
Garcia, I. 11609
García, J. E. 693, 715, 10673
Garcia, L. L. C. 6943
García, M. D. 568, 10165
García, M. E. 1845
García, M. J. 187, 3365-3366
García, S. 9174
García, V. 10829
García Alva, S. 3488
García-Baudín, J. M. 4569
García-Casado, G. 1283
Garcia de Salamone, I. E. 11359
García-García, J. E. 6233
García-Gutiérrez, A. 12894
García-López, C. 6233
García-Luque, I. 1862
García-Martín, F. 11987
García-Martínez, J. L. 8249
Garcia-Mas, J. 4923
Garcia Mendoza, C. 6554
García-Olmedo, F. 8037
García-Ramos, G. 9996
García-Ríos, M. 12596
Garcia-Suarez, R. 9340
Garcidueñas-Piña, C. 1198
Garcin, A. 7383
Gardenal, C. N. 1032
Gardiner, J. M. 1357
Gardiner, S. 5081
Gardiner, S. E. 3926
Gardner, G. 12536
Gardner, R. 8433
Gardner, R. C. 2069, 9617, 9619, 9755
Gardner, R. H. 10916
Garg, B. K. 8364
Garg, D. K. 7954, 7964
Garg, G. K. 2127, 8289, 11355
Garg, L. 975
Garg, R. 10496
Garić, R. 11689, 11737
Garin, E. 11727
Garin, J. 8320, 12499
Garma, C. 979
Garmashov, V. V. 5634
Garneau, F. X. 4314
Garner, J. M. 11054
Garnero, L. 8932
Garnier, F. 1985, 1989
Garosi, P. 1071
Garrad, T. 1916
Garrec, J. P. 5289
Garreffa, P. 2484
Garrett, B. C. 7473
Garrett, J. T. 2627, 8425
Garrett, T. P. J. 1323
Garreyn, M. 11821
Garrido, J. M. G. 2077
Garrido, O. 8088
Garriga Calderé, F. 3079
Garrigues, S. 3355
Garside, A. L. 8946
Gartan, S. L. 12494, 12531
Gartland, J. S. 12883
Gartland, K. M. A. 12883
Gärtner, E. 432, 8233
Gärtner, G. 11967
Garty, J. 6793
Garvin, D. F. 5564, 11318
Garza Ortega, S. 2630
Gascón, J. 6086
Gase, U. 9550
Gašić, N. N. 6205
Gąsior, J. 6090
Gaskin, P. 3751, 8249
Gaspar, M. 11360
Gaspar, T. 11783
Gašparíková, O. 301
Gasperetti, L. 10588
Gasqui, P. 8931
Gass, T. 2015, 4837
Gassen, H. G. 6613
Gasser, C. S. 1197, 4046
Gate, P. 3318
Gatehouse, A. M. R. 3685, 5429, 6096
Gatehouse, J. A. 442, 5429, 6055, 6096, 10465
Gates, P. 27, 2737
Gates, R. N. 6901, 8226-8227
Gatica Vásquez, M. 5185
Gatti, E. 6926
Gatz, C. 1178, 11156
Gauch, H. G., Jr. 7773
Gaude, T. 7281
Gaudefroy, F. 7302
Gaudêncio, C. de A. 4827
Gaudet, D. 4530, 5645
Gaudet, D. A. 4529
Gaudillère, J. P. 9596
Gaudin, V. 1962, 9060
Gaudio, L. 5326
Gauquelin, T. 984
Gaur, P. C. 10526, 10528
Gaur, R. B. 6071
Gaus, C. S. 6889
Gaut, B. S. 3022, 8987, 10241
Gautam, J. P. S. 3872
Gautam, M. 206
Gautam, R. K. 121, 7876, 11230
Gauthier, A. 5454
Gautier, M. F. 7919, 8014, 10107
Gauvin, S. 8972
Gavazzi, G. 5788
Gavhane, V. N. 3566
Gavitt, B. K. 12668
Gawel, N. 12923
Gay, D. 7132
Gay, G. 6610, 6808
Gayathri, N. K. 9263
Gaydou, E. M. 10742
Gayen, P. 6925
Gayler, K. R. 12448
Gaymard, F. 4413, 6628
Gazit, S. 12696-12697, 12701
Gazzoni, D. L. 3718, 4845, 7164
Gbur, E. E. 3624
GC, Y. D. 7935
Gdala, J. 10386
Ge, J. P. 3618
Ge, K. L. 4462
Ge, S. 9386, 9831
Ge, X. J. 11484
Ge, X. R. 9684
Ge, Z. N. 9762
Ge KouLin 4462
Ge Song 9386, 9831
Ge XiuRong 9684
Ge XueJun 11484
Ge ZhiNan 9762
Geadelmann, J. L. 5697
Geater, C. A. 11744
Gebala, B. 6419
Gebeyehu, G. 2290
Gebhardt, C. 8385, 9508, 12555
Gebre, H. 6772
Gebre-Mariam, H. 7949
Gébré-Selassié, K. 1687, 6131
Geburek, T. 11974
Gecheff, K. I. 1319, 10104
Gechev, V. 527
Gedamu, L. 7559
Geelen, D. 909
Geervani, P. 8114
Geest, A. H. M. van der 3727, 7169
Geetha, N. 1555
Geetha, S. 6993
Gehlen, J. 3793
Gehrig, H. H. 12032
Geider, K. 539
Geiger, H. H. 3406, 3410, 3416, 3421, 3423, 4331, 8061
Geiger, J. P. 6100
Gelati, M. T. 1897
Geldenhuys, C. J. 11979
Geli, M. I. 9241
Gélinet, K. 10234
Gella, R. 10673
Gelroth, J. A. 149
Gelvin, S. 11152
Gelvin, S. B. 1176, 2838, 7809, 8692
Gelvonauskis, B. 11674
Gemechu Keneni 1823, 2765
Gémesné, J. A. 571
Genç, İ. 4478, 5616, 12304
Gençer, O. 7605
Gendy, C. 315, 1993
Genet, R. A. 7236, 9499, 12541
Genetello, C. 1105
Geneve, R. L. 3148, 7635, 9815
Genga, A. 5714, 5789, 6465, 6928
Genge, D. A. 1997-1998
Gengenbach, B. 5717, 5795
Génier, G. 9342
Gennaro, M. 10921
Genov, M. 259, 280
Genova, I. 259, 280
Genschik, P. 8690
Gensollen, V. 7070
Gentil-Pinto, A. 4066
Gentile, A. 10744, 12099
Gentzbittel, L. 856
Geoffriau, E. 7262, 8416
George, A. S. 983
George, J. K. 1117
George, K. C. 6594
Georgiadis, S. 6827
Georgiev, S. 10104
Gepts, P. 481, 6051
Gera, G. 1647
Geraci, G. 2712
Geraldo, R. 2591
Geras'kin, S. A. 200-201
Gerasopoulos, D. 9621
Gerats, A. 5552
Gerats, A. G. M. 1965
Gerats, T. 6485
Geremew Gebeyehu 2290
Gerevini, M. A. G. 3437
Gerhardt, L. B. de A. 10747
Gerik, T. J. 2880
Gerke, R. 9582
Germain, E. 6236
Germain, P. 6199, 10694
Germany, Bayerische Landesanstalt für Bodenkultur und Pflanzenbau 12211
Germany, Bundesanstalt für Getreide-, Kartoffel- und Fettforschung 12211
Germany, Bundesanstalt für Züchtungsforschung an Kulturpflanzen 8939-8940
Germany, Bundessortenamt 12211
Germany, Institut für Pflanzenzüchtung der Technischen Universität München 12211
Gerónimo Gómez, L. 3430
Gerstěř, J. 4027
Gerster, J. L. 7442, 10765
Gertsson, B. 2108
Gerttula, S. M. 12892
Gessler, C. 8471
Getachew, T. 2382
Gethe, R. M. 2777
Getinet, A. 1763, 8578
Gettel, S. 7704
Getz, W. M. 9937
Geuna, F. 12670
Geuns, J. M. C. 10859
Gevrek, M. N. 4699
Gey, A. K. 3423
Geyer, W. A. 4179
Ghafoor, A. 2463
Ghahreman, A. 11067, 11515
Ghai, T. R. 10626, 10636-10637
Ghanem, E. H. 3301
Ghani, M. N. A. 8769
Gharaibeh, R. 4254
Gharti-Chhetri, G. B. 9719
Ghassemi, F. 11519
Ghassemian, M. 41
Ghate, V. S. 8537
Ghatge, R. D. 8261
Ghedini, R. 2811, 10836
Gherardi, M. 8229
Gherbi, H. 8794
Gherbin, P. 1322
Ghesquière, A. 3614, 8211, 12364
Ghesquière, M. 411, 4770, 7071, 9321, 11475
Ghetti, S. 5121
Ghildiyal, S. C. 1682
Ghimiray, T. S. 10050, 10808
Ghimire, S. R. 7215, 12738
Ghislain, M. 551, 12552
Ghizan Saleh 8765
Ghodke, M. K. 3773, 10497
Ghongade, R. A. 630
Ghorab, M. A. M. 8731
Ghorade, R. B. 10277
Ghorbel, A. 3986, 12592
Ghosh, B. 4297, 7711, 10335
Ghosh, B. C. 4077
Ghosh, D. 10342
Ghosh, J. 2786, 8658
Ghosh, M. 10342
Ghosh, P. D. 3080, 4557
Ghosh, P. K. 4151, 6101, 8435-8436, 9562
Ghosh, S. K. 8685
Giamoustaris, A. 1786, 9675
Giampaoli, P. 4728
Giampiero, C. 4279
Gianazza, E. 6928
Giancipoli, G. 7898
Gianessi, L. P. 11141
Gianinazzi-Pearson, V. 2117, 13042
Giannelli, G. 8492-8493
Giannini, R. 2949
Gianoli, E. 8007
Giardina, P. 9902
Giauffret, C. 8090
Giband, M. 12828, 12838
Gibbs, A. J. 5886
Gibbs, M. 12061
Gibbs, M. J. 442
Gibby, M. 3025, 11004
Giblin, E. M. 11809
Gibson, C. E. 8023
Gibson, J. M. 432
Gibson, L. C. D. 2078
Gibson, M. 2078
Gibson, P. T. 1503, 6020-6021, 9408, 10431, 11541
Giddings, G. D. 11471-11472
Gidekel, M. 7813
Gidrol, X. 2104, 12848
Gierl, A. 11339
Giertych, M. 972, 4199, 4207
Giese, A. 104
Giezen, S. 1734, 9611
Gifford, D. J. 7643
Gigot, C. 7564, 10854
Gijzen, M. 472
Gil, J. 506
Gil, M. A. 73
Gil-ad, N. L. 2107
Gil Muñoz, A. 3467
Gil Ortega, R. 2612
Gil-Pinilla, M. 4316
Gilad, S. 6441
Gilbert, M. G. 9867, 13021
Gilbert, N. 4031
Gilbert, R. J. C. 6096

Gilbert, W. 2083, 2460
Gilbertson, R. L. 6051
Gilchrist, D. G. 175
Gilchrist, L. 6818
Giles, K. L. 7682
Gilet, A. 8559
Gill, B. S. 1234, 1297, 1304, 1355, 3316, 3354, 4544, 5617, 5620, 6707, 7923, 9100, 10082, 10270
Gill, G. P. 12679
Gill, H. S. 10786
Gill, J. R. 4750
Gill, J. S. 2478
Gill, K. S. 6707, 7923, 11812
Gill, M. S. 1310, 11902, 12282
Gill, S. S. 3710, 5846
Gillard, C. 9369
Gillaspie, A. G., Jr. 1702
Gilles, F. 684
Gillies, A. C. M. 2953
Gillikin, J. W. 9225
Gilliland, T. J. 401, 10348
Gillings, M. R. 6337
Gillis, S. 8808
Gillman, M. 6583
Gillot, L. 642
Gilmartin, P. M. 12000
Gilmour, A. 8
Gilmour, R. F. 10, 214
Gilmour, S. J. 3244, 6644
Gimelfarb, A. 86
Gimenes, M. 2770
Giménez, D. O. 416
Giménez, M. J. 8010
Giménez, P. 4814
Giménez A., C. A. 11871
Giménez-Albián, M. I. 8411
Giménez-Martín, G. 8411
Ginkel, M. van 1296, 3358, 4466, 7984, 8000
Gins, M. S. 6130
Gintings, S. 8753
Giorcelli, A. 10921
Giordani, E. 7375, 8492-8493
Giordani, T. 10351
Giorgi, A. de 726
Giorgio, P. 2702
Giorni, E. 8032
Giovanelli, E. 11080
Giovannantonio, C. di 11660
Giovannelli, A. 11966
Giovanni, C. de 4497
Giovannini, A. 4255
Giovinazzo, G. 11553
Giraldez, R. 3404, 9340
Girardi, C. L. 7397
Giraudat, J. 7837, 9027, 9032, 11888, 12192
Girenko, M. M. 6130
Girguis, N. R. 7504
Giri, A. P. 1540
Giridharan, M. P. 772
Giridharan, S. 3615, 4705
Girija, A. 6966
Girija, T. 3543
Girija Ganeshan 8312
Giriraj, K. 4061, 7491
Giritch, A. 2573
Girko, V. S. 9132
Giroux, R. W. 7102
Gisel, A. 1848
Githiri, S. M. 4885
Githure, W. C. 11777
Gitzendanner, M. A. 11215
Giuliani, G. 10661
Giunta, F. 129
Given, N. K. 12007
Givovich, A. 2130
Gizlice, Z. 4821
Glab, N. 11884
Glaczinski, H. 8385
Gladis, T. 7771
Gladstone, E. 12892
Gladstones, J. 10381
Glaser, B. K. 149
Glaser, E. 7803
Glasl, S. 8912
Glass, A. D. M. 6626, 9028
Glassop, D. 8640, 8646
Glaszmann, J. C. 8639, 12417, 13057
Glatki-Jošt, M. 2180
Glavin, T. L. 5622
Glawischnig, E. 11339
Glaz, B. 874
Glazebrook, J. 5570, 11193
Glazmann, J. C. 6961
Gleba, Yu. Yu. 912, 4118, 12672
Glemža, A. 1123
Gliddon, C. J. 8674
Glimelius, K. 2743, 4038, 4045, 11793
Glodek, A. 5535
Glössl, J. 1738, 8781, 12863
Glover, D. E. 11017
Glover, D. G. 8290
Glover, D. V. 291, 12330
Glover, J. A. 4403
Głowniak, K. 6413
Glushenkova, A. I. 1941, 2706
Gluth, H. 9705
Glynn, C. 11941
Gmitter, F. G., Jr. 5148
Gnagne, M. 8755, 8764
Gnanam, A. 513
Gniazdowska-Skoczek, H. 11312
Gnocchi, S. 6704
Goatley, J. M., Jr. 7088
Gobé, C. 8794
Göbö, A. 758
Godawat, S. L. 7713
Goday, A. 4360
Godbole, A. K. 11252
Goddijn, O. J. M. 9079
Godelle, B. 3273
Goderis, I. J. 397, 2062
Godin, W. 12558
Godini, A. 811, 11697, 11704
Godo, T. 9828
Godoy, A. S. 2879, 8740
Godoy, J. A. 3857
Godoy, S. 2893
Godoy-Lutz, G. 11559
Godshall, M. A. 2785
Godt, M. J. W. 1980, 5579
Godwin, I. 5844, 6957
Godwin, I. D. 805, 5330, 5851, 6959-6960, 6962, 6978, 7040, 7404, 7946, 11149, 12699
Godycka, I. 3761, 12505
Goel, R. K. 8175, 11288
Goel, V. L. 5298
Goerre, M. 3932
Goff, W. D. 12715
Goffinet, B. 6660
Goffner, D. 7620, 10902, 12860
Goffreda, J. C. 1727, 7359
Gogas, D. M. 6827
Gogorcena, Y. 12675
Goh, C. J. 6463, 7661, 11000
Goh, M. H. 6005
Goh ChongJin 7661
Goh MunHwan 6005
Gohar, A. 5455
Gohet, E. 8774
Goi, M. 4266
Golam Kabir 4155
Golan, G. 10094, 11375
Gold, C. S. 3993, 10734
Gold, J. 3880
Goldbach, R. 5515, 6339, 9759
Goldberg, R. 521, 7814, 9510
Goldblatt, P. 1086, 6563, 12012
Golden, T. 4414
Goldfarb, B. 5316
Goldie, J. 11926
Goldingay, R. L. 12170
Goldman, I. 8431
Goldman, I. L. 2505, 3805, 3826-3828, 10567, 10571
Goldman, S. 1651
Goldman, S. L. 10186
Goldmark, P. J. 4489
Goldringer, I. 1150, 11257
Goldsack, R. J. 8818
Goldsbrough, P. 9262
Goldsbrough, P. B. 2299-2300, 3535, 9267
Goldschmidt, E. E. 7756
Goldstein, I. J. 9857
Goldstone, F. J. 4304, 4307
Golembiewski, R. C. 5965
Golev, I. F. 5224-5226
Golhar, S. R. 7196, 12518
Golik, S. I. 128
Goliński, P. 2194, 11479
Gollin, D. 10285
Gollob, H. F. 11229
Golmirzaie, A. M. 4908
Golovkin, M. 63
Golsangi, B. S. 1543
Golyaeva, O. D. 2679
Golyanovskaya, S. 8378
Gomaa, A. H. 1728-1729
Gomaa, M. A. M. 4141
Gomarasca, S. 11177, 12155
Gomathinayagam, P. 455, 12388
Gomes, C. 6828
Gomes, J. A. 9908
Gomes da Cunha, A. C. 6356
Gomes e Gama, E. E. 281, 3501, 6905, 10256
Gómez, A. 9783, 12866
Gómez, E. 6187
Gómez, I. 532, 10850
Gómez, L. 3738
Gómez, L. A. 3737
Gómez, L. L. 2983
Gómez, M. A. 568
Gómez, N. 4795
Gomez, P. L. 830
Gomez, R. 2509, 12561
Gómez-Campo, C. 1762, 8615
Gómez Gallegos, J. L. 3521
Gómez-Guillamón, M. L. 2623, 5483
Gómez-Ibarlucea, C. 12483
Gómez-Ladrón de Guevara, R. 3893
Gómez-Lim, M. A. 10726
Gommers, F. J. 12542
Gomord, V. 6614
Gömöry, D. 1022
Gonçalves, C. H. R. de P. 10452
Gonçalves, J. F. de C. 6972
Gonçalves, P. de S. 2918
Gonçalves-Vidigal, M. C. 9435
Goncharenko, A. A. 5693
Goncharenko, G. G. 1000, 4190
Goncharov, N. P. 188, 6710
Goncharova, E. A. 7371
Gondane, S. U. 3916
Gondet, L. 9037
Gondim-Tomaz, R. M. A. 7603
Gonelli, S. 3972
Gong, D. M. 9701, 11862
Gong, F. C. 7565
Gong, P. F. 2520
Gong, R. F. 5131
Gong, X. 4294
Gong, Z. H. 1685, 2536
Gong, Z. Z. 2324
Gong DeMing 9701, 11862
Gong FangCheng 7565
Gong PeiFen 2520
Gong RenFang 5131
Gong Xun 4294
Gong ZhenHui 1685, 2536
Gong ZhenZhen 2324
Gonge, V. S. 9587
Gonnet, J. F. 3059
Gono, L. T. 4632
Gonsalves, C. 9643
Gonsalves, D. 744, 9642-9644, 12631, 12823
Gonzales, R. A. 6007, 10435
Gonzalez, A. C. 8238
González, A. I. 1317
González, A. S. 3476, 8094
González, A. V. 6037
González, C. 979
González, D. H. 9677
Gonzalez, D. O. 2445
González, E. V. 6897
Gonzalez, G. 10243
González, J. 798, 2008, 8524, 8960, 12675
González, J. M. 6859
González, L. M. 5908
González, M. 7174, 11326
González, M. C. 2347, 4738-4739
González, M. E. 2486
González, M. V. 12893
González, R. 6897
Gonzalez, R. 6060
González, V. 2792, 2801-2802
González, V. A. 10831
González, W. G. 1664
González-Andrés, F. 2414, 11989
González-Arnao, M. 2828
González-Arnao, M. T. 10830
González-Benito, M. E. 1762, 10876
Gonzalez-Bosch, C. 5011
González-Candelas, F. 12115
González-Castañón, M. L. 4989
González Ceniceros, F. 3457
González de León, D. 2288, 5843, 8003, 10148-10149, 10252, 10255, 10264, 11161
González-Fontes, A. 109, 2129, 9742
González Hernández, V. A. 5185
Gonzalez Iñiguez, R. M. 6829
González-Melendi, P. 1678
González-Sánchez, M. 9181
González Tamayo, R. 8893
Good, A. 10075
Good, A. G. 5826, 10776
Goode, J. H. 3702
Goodin, M. 2831
Gooding, M. J. 10079
Gooding, P. S. 10464
Goodman, H. M. 3210, 7827, 12127
Goodrich, J. 4400, 5543-5544, 9979, 10769
Goodrich-Tanrikulu, M. 10763
Goodwill, G. 1726
Goodwin, B. 5513
Goomber, R. K. 1539, 1549
Goossens, A. 4852
Gopal, J. 11591, 12539
Gopal, K. 1824, 11544
Gopalakrishna 2387
Gopalakrishnan, M. 8160-8161
Gopalakrishnan, T. R. 11651
Gopalan, M. 2799
Gopalan, S. 85, 908
Gopalaswamy, N. 10268
Gopinadhan Paliyath 12331
Gorbacheva, A. G. 2245, 3519
Gorbatenko, L. 545
Gorbet, D. W. 6276
Gorbunova, N. E. 3699
Gorbunova, V. 5731
Gordeĭ, G. M. 299
Gordeĭ, I. A. 299
Gordon, A. J. 9356
Gordon, D. C. 9172
Gordon, J. C. 9366
Gordon, M. P. 12513
Gordon, S. C. 3962
Goremykin, V. 100
Goremykin, V. V. 11214
Goretti, R. 11833
Gorham, J. 12268
Goring, D. R. 1777, 5622
Gorla, M. S. 9260
Görlach, J. 1650
Gorman, S. W. 6136
Gorno, G. 8548
Górny, A. G. 10069, 10128
Gorsic, J. 3062
Górski, M. 10343
Gosal, S. S. 10578
Gosh, S. 11628
Gosink, M. M. 5539
Gosselin, A. 1661, 11057, 11068
Gossett, D. R. 4145
Gostimskiĭ, S. A. 2105, 3753
Goswami, K. K. 10891
Goswami, P. K. 868, 880, 4089, 7529-7530
Goswami, R. 4295

Goto, K. 3235
Goto, M. 10300, 11658
Goto, T. 585
Gotor, C. 4818, 5540
Gotsch, N. 10846
Gottardi, M. V. C. 2918
Gottlieb, L. D. 9837
Gottsberger, G. 9836, 11952
Gou, C. G. 331
Gou ChangGen 331
Goubitz, S. 126
Goud, J. C. 4340
Goud, J. V. 7033-7034, 7207
Gouda, A. S. A. 3510
Goudar, P. V. K. 8729
Goué-Mourier, M. C. 12879
Gouesnard, B. 8089, 10141
Gough, R. E. 3043, 4217
Gouis, J. le 1292
Goulart, L. R. 618
Gould, A. 9191
Goulter, K. C. 6241
Goupil, P. 1643
Gouramanis, G. D. 9566
Gourley, L. M. 112
Gourlot, J. P. 11906-11907
Gouveia, J. 11826
Gouyon, P. H. 3273
Govaerts, R. 4162, 11118-11119
Govi, G. 10457
Govila, O. P. 5864, 11396
Govind, S. 11771
Govindaiah 9622
Govindarasu, R. 364
Gowda, C. L. L. 450, 13059
Gowda, K. 10298
Gowda, K. N. M. 12342
Gowda, M. B. 10283
Gowda, M. V. C. 6278, 6285-6286, 8609, 9688, 11838, 12769
Gowda, N. A. J. 333
Gowda, R. V. 12584
Gowda, S. 4061, 8685
Gowda, S. J. 8109
Gowen, S. R. 5141, 11768
Gowers, S. 7473
Gowramma, T. S. 12527
Goyal, R. K. 7444, 7484
Goyal, S. 3348
Goyeau, H. 2197
Graaf, P. T. H. M. de 9079
Graauw, W. de 6339
Grabau, E. A. 10400
Grabov, A. 11888
Grace, D. J. 7148, 8650
Grace, J. P. 5510
Gradziel, T. M. 4343, 11782
Graebe, J. E. 12633
Graef, G. L. 8281
Graf, A. 11700
Grafi, G. 6923
Grafiadellis, M. 5001, 5024
Grafton, K. F. 8300
Grageda G., J. 9459
Graham, G. 2266
Graham, G. C. 4381, 5330, 7404
Graham, J. 1735, 3962, 7393, 12659
Graham, J. H. 8190
Graham, M. W. 7234
Graham, P. H. 1501, 11536
Graham, R. D. 6794, 9155, 12735
Graham, S. W. 1103
Grakh, S. S. 2159
Gram, T. 1529
Graman, J. 406
Granados, G. 3446
Granados Friely, J. C. 8539
Grandbastien, M. A. 911, 6333
Grandi, M. 7376
Grandillo, S. 1403, 1655
Grando, S. 4361, 6772, 11313
Grané-Teruel, N. 6233
Granell, A. 4869
Graner, A. 221, 223, 11306
Granger, A. R. 1718
Granger, L. 10900
Granger, R. L. 3924
Granges, A. 3874
Granot, D. 1795, 9545
Grant, D. 10426
Grant, J. E. 701, 6466
Grant, J. L. 5990, 11507
Grant, M. 11985
Grant, M. C. 4446
Grant, M. R. 11191
Grant, N. J. 8481
Grant, S. R. 7671, 9066
Grant, W. F. 1475-1476
Graovac, M. 1808
Grapin, A. 12683
Grappin, P. 911
Grasser, K. D. 5712, 6914
Grasserbauer, M. 11364
Grassi, F. 8483, 8942
Grassi, G. 620, 2912
Grasso, G. 5583
Grassotti, A. 3092-3093
Grattapaglia, D. 7621, 11963
Grau, C. R. 4793
Grauke, L. J. 12714
Graur, D. 2138
Grausgruber, H. 5646
Graves, W. 12413
Graves, W. R. 11744
Gravois, K. A. 3634, 5867, 5871, 5875, 5893, 5903, 5907, 5937, 5943, 5947
Gray, A. R. 3835
Gray, J. C. 5244, 6326, 8316, 9969
Gray, J. E. 7577
Gray, L. E. 6021, 9414
Gray, M. A. 7999
Gray, M. W. 30
Graybosch, R. 150
Grayer, R. J. 4304, 4307, 4750, 8177
Grazzini, R. 11009
Greaves, B. L. 12859
Grebenok, R. J. 7565, 12313
Grebenstein, B. 4776
Grebenstein, O. 4776
Greco, N. 7192
Greco, R. 6682
Greco, V. 3211, 11553
Greef, J. A. de 2116
Greef, J. M. 7090
Green, B. R. 2021
Green, C. C. 7588
Green, D. E. 1491
Green, F. N. 1589
Green, J. 1452
Green, J. M. 8719
Green, L. S. 9165
Green, P. J. 3177
Green, S. K. 582, 4999
Green, S. L. 12413
Green, W. L. 7099-7101
Greene, A. E. 12824
Greene, F. C. 12218-12219
Greene, G. M., II 3922
Greene, S. L. 2401
Greenfield, J. 3342
Greeniaus, M. T. 10471
Greenland, A. J. 5705, 9260
Greenwood, M. S. 12895
Gregorius, H. R. 954, 11200, 11920
Greig, K. 1735, 7393
Greilhuber, J. 1524, 8262, 9062
Greinwald, R. 2407, 11005
Greipsson, S. 10358
Greizerstein, E. J. 12410
Grellet, F. 9966, 11168
Grenan, S. 10702
Grenet, E. 2836
Grenier, E. 3125, 11727
Grenier-De March, G. 11727
Gresshoff, P. M. 459, 5962, 7133, 9400, 9407, 11519, 12062
Grether, R. 10945
Gretzmacher, R. 8279
Grevsen, K. 9540
Grewal, H. S. 9155, 12735
Grewal, R. P. S. 11385
Grewal, S. 2000
Grey-Wilson, C. 12999
Greyson, R. I. 2283, 10147, 10219, 10247
Grib, S. 6882
Gribanovskiĭ, A. P. 3937
Gribova, N. Ya. 102, 2115
Gridley, H. E. 6038
Grieco, P. D. 10611
Grienenberger, J. M. 823, 3186
Griensven, L. J. L. D. van 6552, 11094, 11096
Grierson, D. 37, 1652, 6155, 7315, 8432, 9576
Griesbach, R. J. 3088-3090, 13015
Griess, H. 7226
Griffin, J. 1907
Griffin, W. 2132
Griffing, B. 8091
Griffiths, A. 3867
Griffiths, D. W. 6033
Grifoni, T. 12412
Griggs, D. 9167
Grignon, C. 6643, 9935
Grigolo, U. 2500
Grigoriu, A. 5186
Grigorova, F. 749
Grill, D. 10970
Grima-Pettenati, J. 7620, 9785, 10902, 12860
Grimal, H. 11896
Grimanelli, D. 5843
Grimm, B. 9736-9737, 11887
Grimm, R. 6083, 6914
Grimmig, B. 6546
Grimshaw, J. M. 12999
Grimsley, N. 5033-5034
Grini, P. 12130
Grishaeva, T. M. 4437
Gristina, L. 2462
Griveau, Y. 5187
Grivet, L. 6961, 12417
Grochowski, L. 4581, 10132
Grodzinskiĭ, D. M. 6714
Groenendijk, C. F. M. 5473
Groenendijk, J. 6798
Groenewald, S. 9694
Grof, C. P. L. 8640, 8646-8647, 8657
Grohmann, L. 1251, 2489, 4905, 11599
Gröhn-Wittern, U. 2028
Groleau, Y. 3924
Grombacher, A. W. 11454
Gromiha, M. M. 8980
Gronenborn, B. 6340
Gröning, B. 12598
Grønnerød, K. 662, 5085
Groom, Q. J. 1112
Groot, J. C. J. 403
Groot, N. A. M. A. de 9560
Groot, P. W. J. de 11094, 11096
Groot, S. P. C. 9552
Gros, P. 8138
Grosdemange, F. 12752
Grosjean, C. 12440
Gross, K. C. 3088, 3090, 5595
Grosser, J. W. 5148, 5150
Grosset, J. 10107
Grossi, M. 1329, 8032
Grosskopf, D. 3452
Grosskopf, E. 6544
Grossmann, K. 9787
Grossnickle, S. C. 11968
Grosso, N. R. 10814
Grosz, M. 11083
Grote, E. M. 2299
Grotewold, E. 5707, 9231, 9981
Groth, D. E. 7009
Grover, A. 503, 5879, 11437, 11442
Grubben, G. J. H. 12067
Gruber, J. 12558
Gruber, L. 3492
Gruber, V. 6321
Gruber, W. 1954
Gruden, K. 10533
Gruissem, W. 477, 593, 595, 2021, 3861, 3865, 9547
Grula, J. W. 930, 4148, 10883
Grumet, R. 1695, 7798, 9542, 11664
Grün, S. 11339
Grundler, F. M. W. 6305
Grundon, N. J. 1141
Grüntzig, M. 743
Grusak, M. A. 3729
Gruszecka, D. 6837, 6868
Gryb, S. I. 5695
Gryka, J. 6860
Grzesiak, S. 3696-3697
Grzesik, H. 6873, 6898
Grzyb, Z. S. 11726
Gu, F. L. 9288
Gu, G. W. 1697
Gu, H. P. 8282, 8288
Gu, H. Y. 3587, 9284, 12362
Gu, J. 2694
Gu, L. M. 9764, 9767
Gu, M. H. 358, 2325, 9288, 11430
Gu, Q. S. 1701
Gu, T. S. 1777
Gu, X. F. 2635, 2640
Gu, X. J. 7137
Gu, X. Z. 460
Gu, Y. 755, 2686, 3077
Gu, Y. J. 1408
Gu, Y. Q. 2572
Gu, Z. J. 10631
Gu, Z. P. 2413
Gu, Z. Q. 478
Gu, Z. Y. 2366, 8181
Gu FuLin 9288
Gu GuangWen 1697
Gu HePing 8282, 8288
Gu HongYa 3587, 9284, 12362
Gu Jun 2694
Gu LiMei 9764, 9767
Gu MingHong 358, 2325, 9288, 11430
Gu QinSheng 1701
Gu TieSheng 1777
Gu XiangJu 7137
Gu XingFan 2635
Gu XingFang 2640
Gu XiuZhi 460
Gu Yin 755, 2686, 3077
Gu YongQiang 2572
Gu YunJie 1408
Gu ZhengYuan 2366, 8181
Gu ZhenQing 478
Gu ZhiJian 10631
Gu ZhiPing 2413
Gualberto, J. M. 3186
Guan, C. H. 5294
Guan, C. Y. 2750
Guan, G. P. 8675-8676
Guan, J. P. 4552
Guan, L. Q. 10242
Guan, P. C. 1624
Guan, X. J. 12840
Guan, Y. A. 6981
Guan, Z. T. 8804
Guan ChangHui 5294
Guan ChunYun 2750
Guan JianPing 4552
Guan LingQiang 10242
Guan PeiCong 1624
Guan XianJun 12840
Guan YanAn 6981
Guan ZhongTian 8804
Guar, A. 7435
Guarda, G. 2500, 10524
Guarino, L. 1157, 1184, 6581, 6590
Gubbels, G. H. 1796
Gubler, F. 5672, 8139, 11305
Gucci, R. 7503, 11835
Guckert, A. 9117
Guda, C. 11155
Gudeta, S. 2302
Gudin, S. 7667, 12927
Gudmestad, N. C. 6080
Gudmundsson, J. 6711
Gudžić, S. 2225
Guedes, A. R. 10816-10818
Guedes-Pinto, H. 6835, 6885, 7757, 7931, 10030
Guéguen, J. 852
Guen, J. le 2015, 9427

Guen, L. le 9001
Guenter, W. 3759
Guérin, D. 12308
Guérin, G. 5122
Guerinot, M. L. 2099, 2102
Guern, J. 909, 8758
Guerra, D. J. 1565
Guerra, M. 8304
Guerrero, J. C. 4953
Guerrero, L. 5873
Guerriero, R. 674, 687, 696, 714, 5098
Guerroué, B. le 4210, 12908
Guerroué B. le 12879
Guevara, E. 3513
Guevara, M. A. 8960, 9071, 9640
Guevin, T. G. 12903
Guglielminetti, L. 10206
Guh, J. O. 11449-11450
Gui, Y. L. 9506
Gui YaoLin 9506
Guiderdoni, E. 1421, 3614, 8136
Guidi, L. 8310
Guido, A. de 2702
Guikema, J. A. 9980
Guilford, P. 5081
Guilfoyle, T. 12459
Guilfoyle, T. J. 44, 1193, 9962
Guillemette, R. J. D. 1486-1488, 9384, 11521-11522
Guilloton, M. 43
Guiltinan, M. J. 1271, 5566, 9187
Guimarães, C. M. 4862-4863
Guimarães, E. P. 2311, 4656, 4658
Guimarães, P. E. O. 3498, 3501, 6949
Guinda, A. 6260
Guiraud, J. P. 12576
Guirgis, A. A. 12636
Guirguis, N. R. 7518
Guis, M. 642, 4370, 7335, 12628
Guisado, I. 2303
Guisinger, M. M. 11185
Guivarc'h, A. 28, 5522
Gulaganji, G. G. 8600
Gulati, A. 4893
Gulati, S. C. 11813
Gülcan, H. 9345
Gülcan, R. 722, 725, 731, 1137
Güler, H. Y. 5049
Güleryüz, M. 679-680
Gulick, P. J. 5454, 11014
Gullberg, U. 1885, 4178, 7628-7629
Gülşen, Y. 739
Gülüt, K. Y. 154
Gulyaeva, A. A. 2679
Gumaste, S. 10144, 10269
Gumaste, S. K. 10519
Gumber, R. K. 1535, 2478, 6064, 7194, 8341, 9476, 9478, 10447, 12519
Gunaratnam, R. 4878
Gunasundari, R. 893
Güneş, A. 4512
Güngör, M. K. 689
Gunn, L. V. 6337
Gunn, N. D. 3245
Gunnarsson, T. 8038
Gunsé, B. 9249
Günther, T. 4490, 6856, 10059
Gunua, T. 12573
Guo, A. 1861
Guo, A. L. 11135
Guo, B. H. 12222
Guo, B. Q. 10868
Guo, B. S. 7608
Guo, B. Z. 11365
Guo, C. C. 5091
Guo, H. 5093, 5109, 5113, 7386
Guo, J. C. 3577, 4147, 6998, 9278-9279
Guo, J. H. 2298
Guo, J. L. 12316
Guo, J. W. 10868
Guo, J. Z. 1644, 5053
Guo, L. Q. 2260
Guo, L. X. 2638
Guo, M. 5747, 9193
Guo, M. S. 2695
Guo, M. Z. 12643
Guo, Q. 12316
Guo, Q. X. 1667
Guo, Q. Y. 1827
Guo, R. P. 12651
Guo, S. Y. 4590
Guo, S. Z. 1995
Guo, T. C. 791, 3998
Guo, W. 3589
Guo, W. W. 5148, 12642
Guo, X. C. 1855
Guo, X. H. 8869
Guo, X. L. 1720
Guo, X. P. 2901
Guo, Y. 9718, 10597
Guo, Y. D. 2544, 5179
Guo, Y. L. 9412
Guo, Z. B. 1115, 8263, 8278
Guo, Z. C. 9506
Guo, Z. G. 11960
Guo, Z. H. 1691
Guo, Z. Y. 9297
Guo AiLan 11135
Guo BaiChuan 7608
Guo BaoQi 10868
Guo BeiHai 12222
Guo ChangCheng 5091
Guo Hong 5109, 5113, 7386
Guo JiaCheng 6998, 9278-9279
Guo JianWei 10868
Guo JiaZhen 1644, 5053
Guo JinChong 4147
Guo JingLun 12316
Guo LanXiang 2638
Guo LeQun 2260
Guo MingShen 2695
Guo MinZhu 12643
Guo Qiang 12316
Guo QingXun 1667
Guo QinYuan 1827
Guo RongPing 12651
Guo ShiYi 4590
Guo SuZhi 1995
Guo TianChi 791, 3998
Guo Wei 3589
Guo WenWu 5148, 12642
Guo XiaoCai 1855
Guo XiaoPing 2901
Guo XinHu 8869
Guo XueLan 1720
Guo Yang 9718
Guo YangDong 2544, 5179
Guo Yong 10597
Guo YuLian 9412
Guo ZhenHuai 1691
Guo ZhiYi 9297
Guo ZhongChen 9506, 11960
Guo ZiBiao 1115, 8263, 8278
Gupta, A. 12407
Gupta, A. K. 2469, 4751, 7966, 8359, 9475, 9484, 10475, 10499
Gupta, A. P. 4300
Gupta, B. N. 2954, 5301, 10932
Gupta, D. 12842
Gupta, D. K. D. 2339
Gupta, D. N. 11589
Gupta, G. S. 7720
Gupta, H. S. 4735
Gupta, K. 6112
Gupta, M. 2067
Gupta, M. L. 872, 4087, 8582, 11791, 11855, 12718
Gupta, M. M. 4300, 5461
Gupta, N. K. 4485
Gupta, O. P. 4007
Gupta, P. K. 1419, 2497, 4382, 10981
Gupta, P. P. 864, 11385
Gupta, R. 7720-7721, 9969, 9969
Gupta, R. B. 2237, 3320
Gupta, R. C. 4054
Gupta, R. P. 3830, 12474
Gupta, R. R. 5637
Gupta, S. 2348, 10335, 12821
Gupta, S. C. 626, 3772, 4643, 4649-4650, 8588, 8599, 9481
Gupta, S. D. 4077, 9498
Gupta, S. K. 864, 2183, 7275, 7454, 7479, 8235, 8572, 8583, 12516
Gupta, S. P. 10126, 10245
Gupta, T. D. D. 7191
Gupta, T. R. 11791-11792
Gupta, V. K. 8116
Gupta, V. P. 1787, 2475, 2744-2745, 4892, 8274, 10469-10470, 10516, 12344, 12512, 12516
Gurevich, A. I. 2491
Gurevitch, J. 830
Guriqbal Singh 11575
Gurmit Singh 3710
Gurumurthi, K. 5300
Guruprasad, K. N. 9390
Gururajan, K. N. 7597
Gurvinder Singh 8582
Gus'kov, E. P. 849
Guskova, L. A. 5045
Gusman, A. B. 9836
Gusmão, J. 1884, 4170, 12878
Gustafson, J. P. 166, 1274, 6689, 6756, 6822, 6845, 9199, 11323, 12220, 12317
Gustafsson, A. 11990
Gustafsson, M. 8038, 8040, 10577
Gustine, D. L. 11485
Gutensohn, M. 8074
Gutierres, S. 4116, 9723, 9725
Gutiérrez, C. 245
Gutiérrez, J. 3425
Gutiérrez, J. E. 10804
Gutiérrez, J. L. 3424
Gutierrez-Marcos, J. F. 3199
Gutiérrez-Mora, A. 1982
Gutiérrez Villarías, I. 8212
Guttenberger, H. 1903, 9058, 10969, 10971
Gutteridge, S. 6248
Guttman, D. S. 6531
Guu, J. W. 2454
Guu JimWen 2454
Guy, C. L. 2038
Guy, P. 429
Guy, R. 7077
Guye, A. 8485, 8491
Guyot, B. 1846
Guzhov, Yu. L. 8661
Guzmán, C. A. 10814
Guzmán, P. 1198, 6051
Guzmán-Maldonado, S. H. 6044
Gwag, J. G. 9544
Gwag JaeGyun 9544
Gwathmey, O. 2895
Gyanendra Singh 330, 1552, 2742, 8098, 8275, 8361, 8576
Györgyey, J. 2400, 9344, 12435
Gysel, A. van 4170
Gyulai, G. 2379, 12179, 12425
Gyultaeva, E. 10092
Ha, S. H. 572, 763-764, 9609
Ha, Y. W. 1309, 1336-1337, 5609, 5664
Ha Huu Tien 12457
Ha SsangHee 572, 763-764, 9609
Ha YongWoong 1309, 1336-1337, 5609, 5664
Haag, C. 9705
Haan, A. A. de 7718
Haan, P. de 6339, 9759
Haapanen, M. 1004, 10962
Haaren, M. J. J. van 3859
Haas, H. 11333
Haase, D. 7879
Habash, D. Z. 5244
Habben, J. E. 5812, 5819
Habegger, R. 3809
Haber, S. 825
Habu, Y. 4894, 7212, 10522, 12995
Hacke E., E. 1266
Hackenberg, E. M. 8570
Hacker, J. B. 1551, 6983
Hacker, R. 1018
Hackett, C. A. 10117, 12159
Hackett, R. 7315
Hackett, R. M. 9531
Hackett, W. P. 2118, 5316
Hadad, R. G. 1359
Hadi, M. Z. 1961
Hadidi, A. 1140
Hadjichristodoulou, A. 2015
Hadkins, E. S. 4452
Haecker, A. 4407
Haegi, A. 12099
Haegman, M. 9974
Haensch, K. T. 4282
Haesaert, G. 6863
Hafeez Ahmad 9462
Hafsah Jaafar 2917, 8760, 8763
Hagan, A. 11008
Hagberg, A. 8022
Hagen, G. 9962, 12459
Hager, A. 1364
Hagg, M. 6181
Häggman, H. M. 1900, 2970
Häggström, H. 8788
Hagidimitriou, M. 4573
Hague, S. S. 10877
Hahlbrock, K. 3129, 9890, 13042
Hahn, S. J. 6108, 11626
Hahn, S. K. 6102
Hahn SangJung 6108, 11626
Hahne, G. 4059, 7496, 11816
Hahne, G. U. 7495
Hai, Y. 3340
Hai Yan 3340
Haïcour, R. 12566
Haider, Z. A. 8125, 8127, 8269
Haigh, J. 9734
Haigler, C. H. 3174
Haile Kefene 1797
Hain, R. 7575, 8964, 10699
Haizel, T. 4399
Haj-Amiri, A. 9614
Hajare, D. N. 8276
Hajdu, E. 10697
Hajdukiewicz, P. T. J. 11882
Hajika, M. 4832
Hajimorad, M. R. 9757
Hajós-Novák, M. 11342, 12179
Hakamatsuka, T. 4810
Hakansson, A. 11990
Hake, S. 80, 5765-5767, 5781, 7856, 9227, 12195
Haken, A. E. 12327
Hakim, A. 235, 286
Hakim, L. 345, 8042
Hakozaki, M. 3988
Halbrendt, J. M. 5183
Halbritter, H. 11053
Haldar, J. 10035
Haldeman, J. H. 3032
Haldeman-Cahill, R. 7565
Hale, T. C. 9650
Haley, C. S. 1231, 10961, 10961, 12086, 12161-12162
Haley, J. E. 7076
Haley, J. S. 7751
Halfdan-Nielsen, B. 8854
Halford, D. A. 4154
Halford, N. G. 3342, 4098, 9078, 9504, 9910
Halila, M. H. 12517
Halkier, B. A. 5845, 6019
Hall, A. E. 2247, 9489
Hall, B. 6138
Hall, E. 432
Hall, G. H., Jr. 1850
Hall, J. F. 8406
Hall, L. N. 1365
Hall, M. A. 4884, 9036
Hall, R. 6251
Hall, R. D. 889-890, 8678
Hall, T. C. 1400, 3727, 5246, 7169
Hallahan, D. L. 8926
Hallam, N. D. 8903
Hallard, D. 1989
Hallauer, A. R. 3453, 5701, 5755, 8080, 11353
Halldén, C. 887, 4033, 8680
Halle, I. 9444
Hallett, I. C. 2410

Hällgren, J. E. 9799
Halliday, K. 9976
Halliday, K. J. 4410
Halloran, G. M. 1790-1791, 6788, 7209, 8236, 11823
Haloubi, A. 8192
Halterman, D. A. 5039
Halušková, J. 12034
Halvankar, G. B. 9397, 9404, 11534
Ham, B. J. 1048
Ham, D. J. 3033
Ham, R. W. J. M. van der 13026
Ham BongJoo 1048
Ham DongJoo 3033
Hamachi, Y. 7044
Hamada, A. A. 6735-6736
Hamada, M. 12366
Hamada, T. 1851
Hamaker, B. 5819
Hamaker, B. R. 5812
Hämäläinen, J. H. 4922
Hamburger, A. J. 3534
Hamdi, A. 501, 6063
Hamdi, S. 1985, 1989
Hameed, A. 9667
Hamel, N. 7456
Hamer, F. 8888
Hamer, M. J. 9107
Hamer, R. J. 6742-6743
Hämet-Ahti, L. 1945
Hamid, F. 1560, 1563
Hamidah, M. 12998
Hamilton, A. C. 5500, 11111
Hamilton, A. J. 8432
Hamilton, C. M. 931
Hamilton, D. A. 8083
Hamilton, J. 9107
Hamilton, N. R. S. 11121
Hamilton, R. A. 3890
Hamilton, R. I. 2284, 4616-4617, 5832, 8097, 11357, 11362-11363, 12324, 12333
Hamilton, W. D. O. 5429, 6096
Hamilton-Kemp, T. R. 5086
Hamm, P. B. 550
Hammad, A. H. A. 12480, 12549
Hammatt, N. 8481
Hammer, G. 4345
Hammer, G. L. 6, 16, 320, 854, 1149
Hammer, K. 1159, 6577, 6586, 7771, 9094, 9099, 9142-9143, 9911
Hammer, M. 8906
Hammer, P. A. 6420
Hammer, S. 12031
Hammerschlag, F. 9601
Hammerschmidt, R. 4127, 9512
Hammes, P. S. 8311
Hammett, K. 3044-3045, 3069-3070, 4270-4273, 8841-8844
Hammett, K. R. W. 2410
Hammond, E. G. 1491, 4834-4835, 6018
Hammond, F. 1948-1949, 3050-3052
Hammond, J. 12015
Hammond, J. J. 4501, 7870, 8592
Hammond, R. B. 10442
Hammond-Kosack, K. 11647
Hammond-Kosack, K. E. 2045, 11137
Hammond-Kosack, M. C. U. 6708
Hamon, P. 6961, 11616, 12417
Hamon, S. 7555, 11616, 12177
Hampp, R. 917, 2847, 11934
Hampson, C. R. 1759, 3929, 12058
Hampton, J. G. 10377
Hampton, R. O. 4888, 6239
Hamrick, J. L. 1980, 2964, 5295, 5579
Hamzah, S. 6360
Han, B. W. 4903
Han, C. 12458
Han, D. S. 7696
Han, F. 10988
Han, F. X. 7199
Han, G. Q. 9762
Han, I. G. 6116
Han, J. K. 9654
Han, K. J. 2232
Han, L. Z. 6997
Han, S. 7076
Han, S. H. 2326
Han, S. I. 9544
Han, S. J. 4602, 9762
Han, S. S. 390, 4746, 10340
Han, S. Y. 1958
Han, T. F. 461, 4829, 12466
Han, T. J. 2494, 11079
Han, X. 2635, 2640
Han, X. B. 12232
Han, Y. F. 969, 6378
Han, Y. H. 1485, 8285
Han, Y. N. 969
Han, Z. J. 2366
Han BiWen 4903
Han DongSheng 7696
Han Feng 10988
Han FenXia 7199
Han GuangQin 9762
Han InGyong 6116
Han JinKwan 9654
Han LongZhi 6997
Han SangIk 9544
Han SangJun 4602
Han SeongSook 390, 10340
Han ShiJie 9762
Han SiHuai 2326
Han SuYing 1958
Han TaeJin 11079
Han TianFu 461, 4829, 12466
Han XiaoBing 12232
Han Xu 2635, 2640
Han YiFan 969, 6378
Han YiNong 969
Han YongHua 8285
Han YoungHee 1485
Han ZhaoJun 2366
Hanafey, M. 1489, 8257
Hanamaratti, N. G. 7491
Hanania, U. 11895
Hanarida, I. S. 12390
Hancock, A. M. 11731
Hancock, D. 256
Hancock, J. F. 4342, 7798, 9603, 12665
Handa, A. K. 2455, 3742, 9557
Handa, H. 823, 9658
Hande, S. 9580, 10629
Handel, C. L. 7804, 8053, 9182, 10077
Handley, J. A. 8669
Handley, L. L. 8036, 9172, 10117
Handro, W. 4324
Handwerger, K. 75
Hanelt, P. 2529, 12582
Hang, A. 3375, 8021
Hang, X. Q. 12231
Hang XiangQian 12231
Hangarter, R. P. 74, 3224-3225
Hanifa, A. M. 2799
Haniš, M. 117
Hänisch ten Cate, C. H. 1050, 6456
Hanišová, A. 117
Hanke, A. 3809, 9535
Hankeln, T. 9921
Hanlon, R. W. 10400
Hanna, N. S. 3301, 5603
Hanna, W. W. 5863, 8124, 9275, 11391, 12349
Hannah, L. C. 3463
Hannapel, D. J. 2488, 10547
Hannapel, J. D. 12544
Hannappel, U. 9504
Hannon, G. J. 245
Hannweg, K. 1109
Hanotte, O. 1184
Hänsch, R. 192, 10100
Hansen, A. C. 3686
Hansen, B. 5449
Hansen, C. W. 7679
Hansen, E. 11116
Hansen, G. 4385, 8691
Hansen, H. V. 8875
Hansen, J. D. 9222
Hansen, L. N. 7277, 11634
Hansen, M. 4033
Hansen, N. C. 4508
Hansen, N. J. 4096
Hansen, S. 662, 6174
Hansen, T. F. 12180
Hansi, K. J. 2798
Hansmann, S. 11214
Hanson, A. D. 9635
Hanson, L. 7634
Hanson, M. R. 7567
Hanson, P. M. 12593, 12608, 12611
Hanson, R. E. 6623, 7593, 8717
Hänssler, G. 11443
Hansson, M. 6789
Hanten, J. 5719, 10210
Hanten, J. A. 11369
Hanušová, R. 174
Hanzawa, H. 2101
Hanzawa, M. 10290
Hanzer, V. 671
Hao, S. 2405, 6537
Hao Shui 2405, 6537
Haouazine-Takvorian, N. 9194, 11237
Hapeman, J. R. 13016
Haq, I. 509
Haque, M. F. 2740, 3575, 8127
Haque, M. N. 7772
Haque, S. Q. 10505, 10508, 12526
Hara, C. 5922
Hara-Nishimura, I. 4391
Harada, A. 1124
Harada, H. 1952, 4418, 5099
Harada, J. J. 4046
Harada, K. 1646, 11419
Harada, S. 5008
Harada, T. 660, 1639, 2257, 4970, 4990, 6127, 9286, 13032
Harada, Y. 11658
Harashima, S. 9991
Harasymow, S. E. 214
Harazy, A. 6475
Harbach, C. A. J. 3695
Harbans Singh 7454
Harbaugh, B. K. 4248-4249
Harberd, N. P. 3220, 4410, 9017
Harborne, J. B. 4750, 8177
Harch, B. D. 10809
Hardeman, K. 5779, 5781
Hardeman, K. J. 246
Harden, S. 5853
Harder, D. E. 2226-2227
Harder, L. D. 12172
Harding, K. 8373
Harding, R. M. 8669
Harding, S. A. 7568
Hardner, C. M. 5282, 10901
Hardon, J. 4348
Hardtke, C. S. 3222, 3239, 4394, 5550
Hardy, A. T. 9271
Hardy, B. 551, 3802-3803
Hardy, O. 8302
Hare, B. W. 6953
Hare, P. D. 69, 6603
Harel, E. 9003
Hareland, G. A. 4501, 6699
Harelimana, G. 12686
Hargrove, W. W. 10916
Hari Chand 9460
Hari Singh 1782-1783, 12736
Harinarain, R. P. 8661
Harinarayana, G. 3563, 3567, 8122
Harish Kumar 8103
Harjanto, E. 3680
Harjit Singh 12277
Harju, A. M. 5315
Harkins, K. 5546
Härkönen, S. 10897
Harlander, S. 10210
Harlane Rose Specialists 5370-5371
Harlequin Group Pty Ltd 8810
Harley, E. H. 7715
Harloff, H. J. 6305
Harmening, U. 9568
Harmon, A. C. 8963, 9383
Harmon, J. 11009
Harnos, N. 1293
Haro, A. de 506, 7480, 10768
Haro, E. S. 7953
Harpal Singh 7038
Harper, G. 11116
Harper, J. A. 10350
Harper, J. E. 1502, 11532
Harper, J. F. 3231, 9426
Harper, L. 1254, 6935
Harper, L. C. 6930
Harper, T. K. 10417
Harpster, M. H. 6150
Harrak, H. 8972
Harrell, M. 4197
Harrier, L. A. 9794
Harrington, C. F. 10357
Harrington, G. N. 9426
Harrington, P. J. 4098
Harrington, S. E. 5883, 8141
Harris, D. C. 12889
Harris, F. A. 5259
Harris, J. N. 838
Harris, M. O. 2132
Harris, N. 213, 2737, 2834, 9167, 12603
Harris, P. M. 546
Harris, W. 11082, 12930
Harris, W. C. 4245
Harrison, B. D. 6146, 8979
Harrison, G. 7931
Harrison, G. E. 10030
Harrison, H. C. 3729
Harrison, H. D. 5386-5391
Harrison, K. 597, 11647
Harrison, M. J. 5973, 10370
Harrison, R. 1909, 1911
Harrison, R. E. 9610, 12665
Harrison, S. 3249
Harrower, B. 11302
Harry, D. E. 12892
Harsányi, J. 723
Harsch, S. 4490
Harsh Kumar 11566
Harst, M. 775
Hart, C. A. 397
Hart, E. R. 2946
Hart, G. E. 5612
Härtel, H. 9737
Hartell, J. 7884
Harten, A. M. van 2526
Hartings, H. 2210, 2258, 12670
Hartman, G. L. 1504, 4430
Hartmann, C. 1273, 4006, 11237
Hartmann, J. 2810
Hartmann, R. B. 4835, 6018
Hartmann, W. 743
Harts Nursery Pty Ltd. 5347
Hartwell, J. 5441
Hartwig, E. E. 11535
Haruki, K. 7680, 12019
Harushima, Y. 347, 1396
Harvey, A. J. 1311
Harvey, C. F. 4342, 12679
Harvey, M. 8643, 9694
Harvey, P. 6354
Harvey, R. G. 11372
Harvey, T. L. 11387
Harvey, W. J. 4981
Harville, B. G. 10432, 11538
Harwalkar, M. R. 3780
Harwood, C. E. 964
Haryanto, T. A. D. 11397
Harzic, N. 3687, 8244
Hasabnis, A. B. 2777
Hase, S. 1547
Hase, T. 6916, 12320
Hasebe, M. 12995
Hasegawa, H. 10314
Hasegawa, K. 12051
Hasegawa, O. 8728
Hasegawa, P. M. 2835, 3162, 4125, 6012, 9933, 10852, 11897
Hasegawa, R. 7680
Hasegawa, S. 11774

Hasegawa, Y. 13041
Haseloff, J. 9960
Hasenfratz, M. P. 11623
Hashimoto, G. 5414
Hashimoto, J. 4371, 9875
Hashimoto, K. 6000-6001
Hashizume, H. 11928
Hashmi, G. 9601
Hashmi, N. I. 132
Hasib, K. M. 7857
Hassan, A. M. 6735-6736
Hassan, A. S. 8791
Hassan, E. E. 7961
Hassan, G. 131, 138
Hastings, A. 3249
Hastings, C. 9691, 12771
Hata, S. 9875, 11337
Hatakeyama, K. 10574
Hataya, T. 10546
Hatch, T. 13044
Hatcher, D. W. 12259
Hatchett, J. H. 3354
Hatfield, C. 4941
Hatfield, P. M. 5539
Hatfield, R. D. 11958
Hatipoğlu, F. 4512
Hăţişi, A. 5428, 5435
Hattemer, H. H. 2922, 2935, 11932
Hattori, J. 2066, 12723
Hattori, K. 5900, 5913, 10327
Hattori, T. 1398, 1591
Hatzixanthis, K. 11647
Hatzopoulos, P. 10765
Hau, B. 12838
Haubruck, H. 3076
Hauge, B. M. 7827
Haughn, G. W. 9039
Haung, H. J. 10805
Haung HuiJiuan 10805
Hauschild, A. 9444
Hause, B. 1325, 4049
Hause, G. 4049
Hauser, B. A. 9555
Hauser, T. P. 1766, 1772
Hauskrecht, M. 222
Häusler, R. E. 3377, 3793, 8074, 12543
Havaux, M. 10105, 12270
Have, A. ten 9835
Havel, J. 831-832, 7475
Haverkort, A. J. 8380
Havey, M. J. 2656, 8410, 9583
Havlíčková, H. 5659
Haw, S. G. 1944
Haware, M. P. 507
Hawes, C. 2834
Hawkes, J. 545
Hawkes, J. G. 6079, 6094, 6579-6580, 6589, 7758, 7767
Hawkesford, M. J. 12266
Hawkins, G. P. 839
Hawkins, J. D. 5495
Hawkins, S. 7620, 9785
Hawksworth, D. L. 9912
Hawlader, M. S. H. 12574
Hawtin, G. 1158
Hawtin, G. C. 7768
Hay, M. J. M. 1463, 1467, 11506
Hay, R. J. M. 1426, 1454
Hay, R. L. 12251
Hayakawa, T. 646, 1713
Hayasaka, H. 4743, 12367
Hayashi, H. 4292, 11190
Hayashi, M. 1703, 6160, 12123
Hayashi, R. 3939
Hayashi, T. 8728
Hayashida, M. 5218
Hayashida, N. 12128
Haydock, P. P. J. 11608
Hayes, A. J. 9751
Hayes, C. M. 2398
Hayes, P. 11306
Hayes, P. M. 8026, 11316
Hayes, R. E. 8296-8299
Hayman, B. I. 2888
Hayman, D. 10360
Hayman, G. R. F. 7645
Haymes, K. M. 2065, 11747
Hays, J. B. 5554
Hayward, M. D. 7080, 7091, 8050, 11121, 11471-11472, 11486
Hazard, L. 9323, 11475
Hazarika, G. N. 12620, 12800
Hazarika, M. H. 12731
Hazendonk, A. 1051
Hazra, P. 1542, 2472, 4886, 8350
He, B. 2140
He, C. F. 9109
He, C. K. 1995
He, D. M. 7749
He, D. Y. 3948
He, F. L. 12906
He, G. C. 4734
He, G. H. 2354, 3813
He, H. H. 7596, 7607
He, H. S. 4315
He, J. H. 12027
He, J. X. 2878
He, L. C. 336
He, L. M. 8402
He, M. Y. 913, 2405, 6537, 9821
He, P. 139, 3313, 3585, 4681, 5152, 9814, 12235
He, P. C. 5128
He, Q. W. 1597, 2512
He, S. 2838, 12489
He, S. A. 415, 3077, 4315
He, S. L. 9822
He, S. T. 5082, 9372
He, S. X. 3661
He, S. Y. 85, 908
He, T. N. 9844
He, W. F. 9158
He, X. C. 3340
He, X. J. 9883
He, X. Y. 1366
He, X. Z. 2658
He, Y. K. 2536, 6537
He, Y. W. 2498-2499, 9509
He, Y. Z. 7145
He, Z. C. 6246
He, Z. F. 3618
He, Z. X. 6375
He Bin 2140
He ChengKun 1995
He CongFen 9109
He DaoYi 3948
He DongMei 7749
He FangLiang 12906
He GuangCun 4734
He GuangHua 2354
He GuoHao 3813
He HongHua 7596, 7607
He HuiShen 4315
He JianXing 2878
He JunHui 12027
He LiMin 8402
He LinChang 336
He MengYuan 913, 2405, 6537
He MingYou 9821
He Ping 139, 3313, 4681, 5152, 9814, 12235
He QiWei 1597, 2512
He ShanAn 415, 3077, 4315
He ShengYang 85
He ShiTao 9372
He ShiXian 3661
He ShuiTao 5082
He SongLin 9822
He TingNong 9844
He WenFeng 9158
He XianChang 3340
He XiaoYang 1366
He XingJin 9883
He XinZhou 2658
He YaWen 2498-2499, 9509
He YiKun 6537
He YongZhi 7145
He YuKe 2536
He ZhengXiang 6375
He ZhiChang 6246
Heath, D. W. 828, 5174, 7474
Heath, J. D. 11150
Heath, M. C. 9490, 10506
Heaton, J. H. 6816
Heavner, D. 7130
Hebblethwaite, P. D. 9425, 11549
Heberle-Bors, E. 7104
Hebsgaard, S. M. 1202
Hechenberger, M. 7822
Hecht, V. 9021, 9965
Heckman, J. W., Jr. 7841
Hedberg, O. 9074
Hedden, P. 3751, 8249, 9295, 11219, 12633
Hedderson, T. A. 5462
Hedges, B. R. 6011
Hedges, K. 4125
Hedin, P. A. 3530
Hedley, C. 4333
Hedley, C. L. 3757, 3760, 4875, 12507
Hedrén, M. 6507, 8884
Heelsum, A. M. van 12161-12162
Heer, W. F. 3679
Heering, J. H. 447-448
Heever, E. V. D. 3855
Hefferon, K. L. 4924
Heflebower, R. F., Jr. 3970, 8502
Hegde, N. 11403
Hegde, V. S. 7207
Hegnauer, M. 1148
Hegnauer, R. 1148
Hegstad, J. M. 6023, 9416
Heiberg, N. 11739
Heide, L. 4112
Heider, C. 6550
Heijden, G. W. A. M. van der 6089
Heim, U. 11548
Heimovaara-Dijkstra, S. 195
Hein, W. 3492
Heine, H. 11635
Heineke, D. 9503
Heinlein, M. 257, 6918, 11139
Heino, M. 9937
Heinstein, P. 2872, 4136, 4146
Heinz, E. 6253, 8556-8557
Heinzen, H. 9174
Heise, K. P. 11275
Heiser, V. 1251, 2489, 4905, 11599
Heisey, P. W. 7884
Heitz, A. 6596
Heitz, T. 12602
Hejgaard, J. 2125
Helariutta, Y. 6472, 7672
Helder, J. 12542
Heldt, H. W. 9503
Helentjaris, T. 6923
Helenurm, K. 4797, 4799
Helgadóttir, Á. 10375
Helgason, T. 2959
Hell, R. 7811, 12135
Hellack, J. J. 11110
Hellbrugge, D. 11004
Hellens, R. 3747, 12503
Heller, J. 3143, 9911
Heller, W. 9934, 12854
Hellín, E. 1530
Helliot, B. 12652
Hellmann, H. 4910
Hellwig, F. H. 7668, 11990
Helm, H. R. 5356
Helm, J. F. 4563
Helm, J. H. 6776, 6857, 6869
Helm, M. A. 8449
Helm, R. M. 858
Helms, R. S. 3634
Helms, T. 4819
Heltay, I. 8930
Hemaprabha, G. 7534
Hemareddy, H. B. 7067
Hemeng, O. B. 8519
Hemleben, V. 644, 4776, 8449, 11597, 12545
Hemmat, M. 4341, 10660
Hemp, S. 10450
Hempel, J. 3734
Henderson, S. A. 368
Hendriks, T. 3808
Hendrix, K. W. 10246
Heneen, W. 10774
Heneen, W. K. 6245, 8563, 11806
Heng, H. H. Q. 1239
Henick-Kling, T. 12668
Henkel, J. 6474
Henken, B. 1734, 9611, 11747
Henn, H. J. 11820
Hennerty, M. J. 3971
Hennessey, C. 5337
Hennessey, T. 5337
Hennig, J. 1861
Hennigen, J. 10450
Henny, R. J. 12916-12917
Henriques-Gil, N. 979, 1344, 5494
Henry, R. J. 1312, 3054, 3380, 4381, 5330, 6960, 7404, 8023, 8142, 11224
Henry, S. 7597
Henry, S. T. 1879-1880
Henry, Y. 10057
Henryk, W. 6900
Henshaw, G. 3810
Henshaw, G. G. 560, 4157, 11613
Henson, J. F. 7867
Henstrand, J. M. 1650
Hentzen, A. E. 1507
Henze, K. 3842-3843
Henzell, R. G. 4630, 6953, 6959, 6975, 7753, 9270
Heo, H. Y. 1336-1337
Heo, N. K. 1484
Heo HwaYoung 1336-1337
Heo NamKee 1484
Hepler, P. K. 6499, 11205
Hepworth, G. 10349
Hepziba, S. J. 325
Heras Vázquez, F. J. las 2598
Herath, S. 9777
Herbers, K. 1865
Herbert, D. A., Jr. 7513
Herbik, A. 2573
Herde, O. 3290
Heremans, B. 9041, 12139
Hergert, G. W. 2281
Heritage, B. 1101
Herman, B. 11918
Herman, D. E. 10930
Herman, E. 8273
Herman, E. M. 5757
Hermann, G. 2554, 4976, 10587
Hermann, K. 3188
Hernan, R. 12310
Hernández, C. J. 6047
Hernandez, C. J. 9655
Hernández, G. 3737-3738
Hernández, I. 11326
Hernandez, J. A. 7335
Hernández, L. 12790
Hernandez, L. D. 3242
Hernández, M. 2953
Hernández, Z. 8960, 9071, 9640
Hernández Aragón, L. 3353
Hernández Xolocotzi, E. 5588
Hernould, M. 2839
Hérouart, D. 4123, 9874, 11885
Herpen, M. M. A. van 4909, 8377, 9533, 10531
Herrendörfer, G. 3248
Herrera, R. S. 2309, 5862, 11458
Herrera, W. 3602
Herrera-Estrella, A. 2369
Herrera-Estrella, L. 7305, 7813, 8135, 9641
Herrera-Estrella, L. R. 5521
Herrera-MacBryde, O. 11111
Herrero, M. 1, 2675, 3264
Herrero, R. 4002
Herrman, T. J. 4917
Herrmann, R. G. 1316, 2021, 2550-2551, 3845, 5598, 6667, 8975, 9538, 10028
Hershberger, R. J. 246, 5725
Hershey, H. P. 10860
Hershkovitz, M. A. 8902
Hershman, D. E. 5650
Hertel, H. 1011, 11982-11983
Herve, C. 4173
Hervé, Y. 7281

Herzog, G. A. 10441
Herzog, M. 3201
Herzog, S. 2934, 11929
Heselmans, M. 8533
Hesemann, C. U. 4490, 6850, 6856, 6877, 6889, 10059
Hesk, D. J. 11009
Heslop-Harrison, J. S. 1238, 1276, 1969, 2146, 2812, 4475, 4482, 4573, 5536, 5594, 6833, 6835, 7931, 8022, 8672, 9958, 10030, 11120, 11165
Hesse, M. 11053
Heszky, L. E. 2379, 12179, 12224, 12425
Héthelyi, É. 9898, 11083
Hettema Zonen Kweekbedrijf 529, 529, 4899
Hetz, W. 2268, 5782
Heu, H. Y. 5609
Heu HwaYoung 5609
Heubl, G. 13019
Heun, M. 6704, 9098
Heusden, S. van 5007, 5035
Heutte, T. M. 886
Hevia, F. 4754
Hewings, A. D. 1341
Hewstone M., C. 5606-5608
Hey, J. 9998
Heydemann, H. 192
Heyland, K. U. 11913
Heyting, C. 11035
Heywood, V. H. 5500, 11111
Hibbert, D. B. 8780, 8818
Hibbett, D. S. 3135
Hibino, T. 5242, 9832, 11876
Hick, P. T. 1281
Hickey, K. D. 1724
Hickman, K. A. 8670
Hicks, G. R. 96
Hicks, K. A. 74, 3237
Hicks, R. G. T. 5162
Hicks, R. P. 3530
Hida, T. 2546
Hidaka, M. 6437, 10558
Hidaka, S. 9298
Hidaka, T. 5145, 5147, 7412, 7414
Hidalgo Espronceda, M. 10724
Hidayat-ur-Rahman 131
Hide, D. 4275
Hidema, J. 3621, 8146
Hides, D. H. 408
Higaki, M. 9904
Higashi, K. 9514
Higashi, T. 8130-8131, 8178
Higashide, T. 639
Higgins, C. M. 5153
Higgins, D. W. 8706
Higgins, R. 10236
Highett, M. I. 493
Higo, K. 9291
Higuchi, K. 2575
Higuchi, S. 405
Higuchi, T. 5242
Higuet, D. 5589
Hilaire, C. 7380
Hilaire, E. 9980
Hildebrand, D. 6009
Hilder, T. B. 443
Hilgenberg, W. 9536
Hilhorst, H. W. M. 6137, 9552
Hilioti, Z. 12920
Hill, A. B. 5210
Hill, A. M. 8018
Hill, D. E. 12626
Hill, G. D. 4878, 7182
Hill, J. 1163
Hill, J. L. 8252
Hill, K. 4215
Hill, K. D. 5329, 12910
Hill, M. 3847
Hill, N. S. 5958
Hill, W. G. 3151
Hille, J. 906
Hillebrand, H. 7811
Hillebrand, K. 2956
Hillel, J. 4005, 5154, 8075
Hillis, D. M. 5591
Hilton, A. J. 10080
Hiltunen, R. 9878
Himabindu, K. 7118, 10395
Himber, C. 4059
Himmler, G. 9754
Hinata, K. 578, 822, 827, 1776, 4043, 7013, 10574
Hinchee, M. A. W. 5518
Hindar, K. 6663
Hinnah, S. 3025
Hinnisdaels, S. 5009
Hinojosa, T. 8392
Hinrichsen, P. 9431
Hinrichsen R., P. 5881
Hinson, K. 6030
Hinterholzer, J. 3492
Hipkins, V. D. 10980
Hippe-Sanwald, S. 12543
Hipskind, J. D. 2300
Hirabayashi, T. 9108
Hirai, A. 194, 338-339, 353, 3581, 4670, 6322, 9285, 10291
Hirai, G. 13032
Hirai, Y. 11243
Hiraiwa, K. 4737
Hirakawa, N. 10700
Hirama, N. 2650
Hirano, H. 11676, 12133
Hirao, A. 11773
Hiraoka, N. 2002, 4292, 4296
Hirasawa, H. 7035
Hirata, K. 7744
Hirata, L. T. 9740
Hirata, Y. 1773, 1780-1781
Hiratsuka, K. 5012
Hirayama, T. 3200, 9020
Hirel, B. 3704, 3863, 9357, 11524, 12816
Hiremath, I. G. 6977, 10279
Hiriart, J. B. 6341
Hirimburegama, K. 2708, 9628
Hirner, B. 64
Hirochika, H. 910, 2345, 4386
Hirohara, H. 9300
Hiro'oka, M. 4296
Hirosawa, T. 4723
Hirose, T. 2966
Hirsch, A. M. 783, 9346, 10410
Hirsch, H. J. 3793, 12543
Hirschhorn, E. 10229
Hirschi, K. D. 2090
Hirsinger, C. 6318
Hirst, D. J. 110
Hirt, H. 4371, 7104, 12046
Hirve, C. D. 2295
Hisada, S. 5145
Hisajima, S. 12051
Hisatomi, Y. 12995
Hishiyama, S. 12815
Hitz, W. D. 9426
Hjältén, J. 10926
Hjerdin, A. 887, 4033, 8680
Hjerting, J. P. 8875
Hmouni, D. 3986
Ho, C. 5807
Ho, C. C. 12568
Ho, C. L. 6124, 10140, 10225
Ho, D. T. H. 11307
Ho, J. K. 5275
Ho, K. K. 6098
Ho, K. M. 8027
Ho, M. W. 5513
Ho, T. 12892
Ho, T. H. D. 196
Ho, Y. W. 6214
Ho ChaiLing 6124
Ho ChangLee 10140, 10225
Ho Chol 5807
Ho ChyiChen 12568
Ho JingKun 5275
Ho KwokKi 6098
Ho MaeWan 5513
Hoang Kim 12457
Hoang Van Tang 313
Hoballah, A. A. 4800
Hobbie, L. 9026
Hobbs, H. A. 3897
Hobbs, S. L. 930
Hobson, G. E. 5021
Hochholdinger, F. 2268, 5782, 10201
Hockett, E. A. 7915
Hodel, D. R. 6382, 6389, 9796
Hodge, G. R. 5314, 5318, 6404, 8779
Hodge, S. 9960
Hodges, D. M. 11362-11363, 12333
Hodges, M. E. 4508
Hodges, S. A. 4276, 6490-6491
Hodges, T. K. 240, 337, 5879
Hodgkin, T. 1158, 7768, 12071, 12075, 13056
Hodnebrog, T. 9782
Hodnett, G. L. 10873
Hoecker, U. 9025
Hoek, M. van der 8460
Hoekenga, O. A. 5777
Hoekstra, S. 12288
Hoeltzel, M. F. 9010
Hoeren, F. 5568
Hoes, J. A. 1812
Hoeschele, I. 3254-3255
Hoeven, C. van der 8981
Hof, J. van't 12500
Hofbauer, J. 3693
Hofer, J. 12503
Höfer, M. 3928
Hofer, R. M. 927
Hoffland, E. 3825
Hoffman, P. D. 5554
Hoffmann, B. 4620
Hoffmann, E. 917, 2847
Hoffmann, M. H. 3065
Hoffmann-Campo, C. B. 4845
Hogan, G. D. 4172
Hogarth, D. M. 8624, 8946
Hoge, J. H. C. 5883
Hogg, K. E. 10986
Höhfeld, I. 9568
Hohls, T. 1228, 4615
Höhmann, S. 12150
Hohmann, U. 8975, 10028
Hohn, B. 1181, 1226, 11153
Hohn, T. 866, 3183, 3246, 4127
Höhne, F. 1732
Hoisington, D. 8003, 10148-10149, 10264, 11161
Hoisington, D. A. 2288, 10252
Høj, P. B. 1311
Hokanson, S. C. 7798
Holappa, L. D. 7921
Holbrook, C. C. 7511
Holbrook, L. A. 11804
Holcomb, G. E. 6548
Holderegger, R. 11051
Holdsworth, M. 6708
Hole, C. C. 547
Hole, D. J. 4465
Holevas, C. D. 633, 5186, 10076
Holguín V., J. E. 4730
Holk, A. 1588
Hollingsworth, M. J. 7296
Hollingsworth, P. M. 8881
Hollins, T. W. 10080
Holloway, J. L. 7520
Hollricher, K. 6798
Høllund Jensen, L. 11794
Holm, E. T. 6080
Holm, P. B. 3371
Holmberg, N. 7562
Holme, I. B. 3668
Holmes, D. S. 1600
Holmström, K. O. 4424
Holopainen, T. 12856
Holsinger, K. E. 7852
Holsteijn, H. C. M. van 3082
Holsten, T. E. 3631
Holt, L. M. 5641
Holtland, G. 4458
Holtsford, T. P. 1353, 1375, 3060, 7866
Holub, E. B. 1223, 3245, 7843, 8955
Holub, J. 8498
Holubář, J. 5972
Holuigue, L. 532, 10850
Holz, G. 10081
Hölzer, R. 3730
Homann, U. 5598
Homes, J. 970
Homet, J. 8212
Hömmö, L. 4531
Homolka, L. 6555
Honarnejad, R. 9745
Honda, G. 5472
Honda, H. 1875, 11407
Honda, I. 7035
Honduras, Regents of the Fundación Hondureña de Investigación Agrícola 8516
Honée, G. 1666
Hong, B. 3231
Hong, C. J. 4954
Hong, D. Y. 5425, 9831, 12004
Hong, E. H. 6002-6005, 9373
Hong, E. J. 920, 924
Hong, H. P. 7442, 10765
Hong, J. C. 12458
Hong, J. Y. 5119, 10689
Hong, L. L. 9521
Hong, M. C. 2350
Hong, S. J. 602
Hong, S. K. 2334
Hong, S. P. 1308
Hong, S. W. 8992, 9529
Hong, T. D. 2121, 9926, 11108
Hong, Y. 53, 1698
Hong, Y. G. 919, 8704
Hong, Y. K. 462
Hong, Y. M. 11093
Hong, Y. N. 272
Hong, Y. P. 1027
Hong BiMei 3231
Hong ChongJian 4954
Hong DeYuan 5425, 9831, 12004
Hong EunHi 6002-6005, 9373
Hong EunJu 920, 924
Hong HaiPing 10765
Hong JiangYuan 10689
Hong JianYuan 5119
Hong MeiChu 2350
Hong SeJin 602
Hong SoonKwan 2334
Hong SoonPyo 1308
Hong SukWhan 8992, 9529
Hong Yan 53
Hong YeongMan 11093
Hong YiGuo 919, 8704
Hong Yu 1698
Hong YuKi 462
Hong YuNian 272
Hongo, A. 2412
Hongtrakul, V. 7520, 12740
Hood, E. E. 1425, 12310
Hooda, I. 7211
Hoogendoorn, J. 4927, 8389, 12556
Hook, I. 1907
Hooley, R. 9910
Hoope, M. ten 1051
Hoopen, R. ten 1965
Hoorn, R. A. L. van der 12008
Hooykaas, P. J. J. 8688, 10851
Hopkins, A. A. 1389, 3554, 6980
Hopkins, M. S. 9689
Hopkins, N. 9191
Hopkinson, J. M. 443
Hopp, H. E. 604
Hopper, N. W. 2898
Hopper, S. D. 12858
Hopping, M. E. 6466
Hoque, A. 1992
Hore, D. K. 8357, 11771, 12073
Horeau, C. 6628
Horejsi, T. F. 8450
Horgen, P. A. 1125, 3134, 6552
Hori, H. 660
Hori, T. 4130, 6342
Horiguchi, T. 376, 7052
Horihata, M. 2966
Horikawa, Y. 6676, 12432
Horiuchi, G. 11243
Horiuchi, H. 1773, 7005, 7584
Horkics, L. 10480
Horlow, C. 7576
Hormaza, J. I. 1, 2664, 3264
Horn, M. 9031
Horn, R. 7492
Hornbeck, J. M. 12831

Horner, H. T. 7139, 8989
Hornero, J. 7120
Horng, S. T. 2563
Horng ShyhTarng 2563
Hornung, E. 8408
Horovitz, A. 7678, 7885
Horry, J. P. 11109
Horsley, R. D. 4555
Horsman, K. 1566
Horstmann, C. 2573, 7481
Horton, D. R. 8392
Horton, P. 6040-6041
HortScience 8949
Horvath, D. M. 907
Horwath, M. 10181
Hosain, M. 4155
Hoschek, G. 4589, 6928
Hosein, F. 896
Hosfield, G. L. 10458, 12492
Hoshino, A. 12994-12995
Hoshino, Y. 11753
Hosius, B. 11969
Hosoki, T. 5361, 7680, 12019
Hossaert-McKey, M. 3692
Hossain, F. 10638
Hossain, M. 8748, 9491, 10638
Hossain, M. A. 5879
Hossain, M. M. 3838-3839
Hostmann, C. 11889
Hotchkiss, T. 7296
Hotta, H. 8134
Hotta, M. 3851
Hou, A. F. 2533, 2539
Hou, B. K. 12249
Hou, F. 1705
Hou, F. F. 2431
Hou, G. B. 4712
Hou, J. H. 10988
Hou, L. M. 5105
Hou, Q. S. 182
Hou, T. J. 12442
Hou, X. G. 3055
Hou, X. L. 1626
Hou, Y. M. 840
Hou AnFu 2533, 2539
Hou BingKai 12249
Hou Feng 1705
Hou FwuFenn 2431
Hou GenBao 4712
Hou JiuHuan 10988
Hou LeMin 5105
Hou QingShu 182
Hou TianJue 12442
Hou XiaoGai 3055
Hou XiLin 1626
Hou YouMing 840
Houben, A. 38, 6667
Houchins, K. 11323
Houdt, H. van 12810
Hough, L. F. 4341
Houlné, G. 3891
House, L. R. 4629
Houten, W. van 4677
Houtsmuller, A. B. 1237
Houtz, R. L. 4114
Hovermale, C. H. 7087
Hovmøller, M. S. 8043
Howad, W. 8107
Howard, J. A. 12310
Howe, G. A. 611, 3885-3886
Howe, G. M. 5316
Howell, S. H. 4431
Howes, N. K. 2237, 7999
Howieson, J. G. 10392
Howlader, M. S. H. 4943
Howle, D. S. 7588, 8734
Howles, P. A. 9732
Howley, P. M. 6055
Hoxha, M. 5788
Hoya, A. 9715
Høyer, L. 12964-12965
Hrabětová, E. 3792
Hraskó-Medgyesi, K. 558
Hribar, J. 8535
Hrmova, M. 1311
Hrotkó, K. 11708, 11719, 11732
Hrstková, P. 441
Hruska, A. J. 6618
Hsam, S. L. K. 174, 178, 10083, 11291
Hseih, M. 5311
Hseu, R. S. 4323
Hseu RueyShyang 4323
Hsia, A. P. 8079
Hsia, C. N. 6436
Hsia AnPing 8079
Hsia ChiNi 6436
Hsiao, C. H. 6120
Hsiao, J. Y. 13049
Hsiao ChiHsiung 6120
Hsieh, H. M. 3582
Hsieh, L. S. 2916
Hsieh HsingMei 3582
Hsieh HsuLiang 12501
Hsieh LiShan 2916
Hsu, J. Y. 4321
Hsu, Y. C. 2094
Hsu JiaYan 4321
Hsu YungChao 2094
Hu, B. 8568
Hu, B. C. 9661, 12585
Hu, B. D. 10238
Hu, B. M. 2874, 4138, 5257
Hu, C. G. 12642
Hu, C. H. 9899
Hu, C. J. 4465
Hu, C. Y. 1492, 3712
Hu, D. F. 9108
Hu, D. Q. 5273
Hu, F. Y. 365
Hu, G. 10263
Hu, G. S. 307, 8102
Hu, H. 3379, 4551, 9840
Hu, J. 331, 1765, 4034
Hu, J. E. 9760
Hu, J. H. 750
Hu, J. L. 6117
Hu, L. Z. 9821
Hu, M. F. 12568
Hu, M. H. 10990
Hu, Q. 9674
Hu, S. L. 9125, 9133
Hu, S. Y. 3057, 6057, 9829-9830
Hu, T. 10058
Hu, X. 10255, 11809, 12156
Hu, X. B. 656, 10649
Hu, X. R. 4624
Hu, X. Y. 177, 10088, 11161
Hu, Y. 1215
Hu, Y. J. 5628
Hu, Z. A. 645, 8259, 9406-9407
Hu, Z. D. 11495, 12773
Hu, Z. H. 11408
Hu, Z. M. 3057, 9829-9830
Hu BaoCheng 9661, 12585
Hu BaoMin 2874, 4138, 5257
Hu BiDe 10238
Hu ChengHua 9899
Hu ChenJian 4465
Hu ChingYeh 3712
Hu ChunGeng 12642
Hu DaoFen 9108
Hu DongQiong 5273
Hu FengYi 365
Hu GongShe 307, 8102
Hu Han 3379, 4551
Hu Hong 9840
Hu Jin 331
Hu JinHang 750
Hu JinLiang 6117
Hu JuEr 9760
Hu LinZheng 9821
Hu MinFu 12568
Hu MingHui 10990
Hu Qiong 9674
Hu ShangLian 9125, 9133
Hu ShiYi 3057, 9829-9830
Hu ShuYi 6057
Hu XiaoBao 656, 10649
Hu Xu 11809, 12156
Hu XueYi 177, 11161
Hu YanJi 5628
Hu Yi 1215
Hu ZanMin 3057, 9829-9830
Hu ZhangHua 11408
Hu ZhiAng 645, 9406
Hu ZhiDe 11495, 12773
Hua, J. P. 7594
Hua, X. J. 2091, 6658
Hua JinPing 7594
Hua XueJun 2091
Huaman, Z. 12537-12538
Huan, J. C. 10419
Huan JianCheng 10419
Huang, A. H. C. 6912, 7460
Huang, A. X. 2567
Huang, B. 6685, 11274
Huang, B. C. 3635, 9313-9314
Huang, B. Q. 278, 414, 1602, 9203
Huang, B. R. 9151
Huang, C. C. 6145
Huang, C. D. 3596
Huang, C. L. 11089
Huang, C. N. 211
Huang, D. C. 4546, 5644
Huang, D. F. 2518
Huang, D. S. 5275
Huang, D. Y. 10870, 12257
Huang, F. C. 9626
Huang, F. Y. 10338, 10341
Huang, G. W. 7606
Huang, H. 1215, 2140, 6656
Huang, H. C. 1509, 1814
Huang, H. J. 6262
Huang, H. Q. 3596
Huang, H. W. 7401, 9186, 10674, 12708
Huang, J. C. 5143, 13009
Huang, J. G. 2354
Huang, J. H. 210, 581, 4550
Huang, J. Q. 934, 9764, 9767
Huang, J. S. 5159
Huang, L. 7939
Huang, L. S. 10667
Huang, M. E. E. 12997
Huang, M. R. 6375
Huang, N. 2320, 3608, 3614, 4669, 4679, 4694, 7012, 8136, 8150, 8157, 9313, 12405
Huang, N. C. 5565
Huang, N. R. 2329
Huang, P. C. 3582
Huang, P. L. 9626, 12020
Huang, P. M. 1256
Huang, P. Z. 2215, 4556, 5668
Huang, Q. L. 354, 356, 11411, 12374
Huang, Q. W. 10689
Huang, R. 9893
Huang, R. H. 7401, 9121
Huang, S. 145, 2079, 5538
Huang, S. C. 2764
Huang, S. F. 4812
Huang, S. L. 6352
Huang, S. M. 10987
Huang, S. Q. 2735
Huang, S. R. 3197, 7821
Huang, S. Z. 3077, 3392
Huang, T. 649, 2654, 2658
Huang, T. C. 1886, 5624
Huang, W. D. 2140
Huang, W. P. 4965
Huang, X. Q. 1696, 11291
Huang, X. S. 1701
Huang, X. T. 5508
Huang, X. Y. 9280
Huang, Y. 7017, 11893
Huang, Y. H. 1504, 9606, 12613
Huang, Y. J. 833
Huang, Y. W. 359, 2657, 4701, 10630
Huang, Y. Y. 5644
Huang, Z. J. 9109, 12442
Huang, Z. M. 2864
Huang AiXing 2567
Huang BaiQu 414
Huang BingChao 9313-9314
Huang BingQuan 278, 9203
Huang BingRu 9151
Huang CaiCheng 6145
Huang ChengLin 11089
Huang ChongDe 3596
Huang ChunNong 211
Huang DanFeng 2518
Huang DaoShun 5275
Huang DeChong 4546, 5644
Huang DingYuan 10870
Huang DongYin 12257
Huang FeiYuan 10338, 10341
Huang FongChin 9626
Huang GuanWu 7606
Huang Hai 1215, 6656
Huang Hao 2140
Huang HeQing 3596
Huang HongWen 7401, 12708
Huang HongWin 10674
Huang HsiuWen 9186
Huang HueyJiuan 6262
Huang JianChang 5143
Huang JianGuo 2354
Huang JianHua 210, 581, 4550
Huang JinSong 668, 5159
Huang JongChin 13009
Huang JunQi 934, 9764, 9767
Huang LiShen 10667
Huang MinRen 6375
Huang NienChen 5565
Huang Ning 2320, 3608, 8136
Huang NongRong 2329
Huang PeiZhong 2215, 4556, 5668
Huang PungLing 9626, 12020
Huang QingLiu 354, 356, 11411, 12374
Huang QingWin 10689
Huang ReHuang 7401
Huang Rong 9893
Huang RuiHeng 9121
Huang ShengChung 2764
Huang ShingFan 4812
Huang ShuangLing 6352
Huang ShuMin 10987
Huang ShuRong 3197, 7821
Huang SuQing 2735
Huang SuZhen 3077
Huang Tao 649, 2654, 2658
Huang TieCheng 5624
Huang TsengChieng 1886
Huang WeiDa 2140
Huang WeiPing 4965
Huang XiangTong 5508
Huang XiuQiang 1696
Huang XueSen 1701
Huang YanWu 2657, 10630
Huang YiHsiou 12613
Huang YongJu 833
Huang YongYi 5644
Huang Yue 7017
Huang YueHe 9606
Huang YuWen 359, 4701
Huang ZhanJing 9109
Huang ZhenMao 2864
Huang ZuJie 12442
Huangpu, G. Y. 10988
Huangpu GuiYue 10988
Hubbard, L. 5767, 6940
Huber, D. 8937
Huber, H. 12035
Hubert, N. 4028, 8558, 12724
Hückelhoven, R. 10087
Huckett, B. 9694
Hucl, P. 1280, 2171, 3341, 4540, 7950, 9089, 12253
Hudak, C. M. 9405
Hudina, M. 11665
Hudson, A. 9979
Hudspeth, R. L. 930, 4148
Hue, N. T. N. 8359
Huebner, F. R. 12254
Huehn, M. 2033
Huel, D. G. 4540
Huelgas, V. C. 6962
Huelsenbeck, J. P. 7865
Huérfano, A. A. 11998
Hueros, G. 3400, 5776
Huerta, A. 12622
Huerta-Espino, J. 8006
Huestis, G. M. 7520, 12740
Huet, C. 12752
Huet, J. C. 521, 1368
Huettel, R. 9601
Huff, D. R. 9327, 11485
Hughes, C. 8248
Hughes, C. A. 6008
Hughes, C. E. 10391
Hughes, J. 7082, 11611
Hughes, M. A. 8015, 8954, 11611
Hughs, S. E. 8735
Hugueney, P. 2600, 6148

Huguet, T. 8229, 12440
Huh, G. H. 7920, 12564
Huh, M. R. 4250
Huh GyungeHye 7920
Hühn, M. 11976-11977
Hui, D. W. 8260, 9419
Hui, H. 3117, 12050
Hui DongWei 8260, 9419
Hui Hong 3117, 12050
Huijser, C. 9040
Huijser, P. 12150
Huizing, H. J. 7747
Hulbert, S. 8102
Hulbert, S. H. 307, 1355, 10260, 10263
Hulcy, A. 8711
Hulihalli, U. K. 8600
Hull, G. 2077
Hull, M. R. 12334
Hull, R. J. 9825, 11886
Hulscher, M. 8880
Hülskamp, M. 12130
Hultquist, S. J. 9272
Hulwale, T. D. 11779
Human, C. F. 799, 12694-12695
Humara, J. M. 12893
Hume, D. J. 9369
Humeid, B. O. 6755
Hummer, K. E. 10692
Humphreys, D. G. 2233
Humphreys, M. 9328
Humphreys, M. W. 1430, 8206
Humphries, R. 8711
Hundal, J. S. 11652
Hung, L. 4984
Hungria, M. 4858
Hunold, R. 4059
Hunt, A. G. 12825-12826
Hunt, L. A. 1270
Hunt, M. 9993
Hunt, M. D. 1221, 2047
Hunt, R. S. 1005
Hunt, S. 3715
Hunter, A. G. 8351
Hunter, C. N. 2078
Hunter, C. S. 3853
Hunter, J. T. 5357, 8916
Hunter, R. A. 10
Hunter, T. 10927
Huo, Q. T. 9140
Huo QingTao 9140
Huon, A. 2407
Huq, E. 5879
Huquet, J. A. le 7310
Hur, H. S. 1820, 1829, 6293, 6295, 9685
Hur, J. I. 12544
Hur, S. N. 2559
Hur HanSoon 6293
Hur HanSun 1820, 1829, 6295, 9685
Hur JungIm 12544
Hurkman, W. J. 3360
Hurley, U. A. 6619
Hurry, V. 9014, 9729
Hurst, C. C. 11990
Hurst, G 1142
Hurst, P. L. 3849
Husain, M. 2906
Huskisson, N. S. 7104
Husnain, T. 12513
Huss, V. A. R. 99
Hussain, A. 282, 317, 1302, 2014, 12258
Hussain, I. 11415
Hussain, M. K. 10797
Hussain, N. 1302, 1381
Hussain, S. A. 12707
Hussain, S. M. 8580
Hussain, S. W. 10377
Hussein, A. 9507
Hussein, H. A. 4890
Hussendörfer, E. 6235
Hussey, M. A. 3554, 4777, 8224, 11389
Hussey, P. J. 266
Hussey, R. S. 473, 1499, 2052, 3709, 7162, 11545
Huszár, J. 2191, 5652
Huszka, T. T. 3895
Hutabarat, T. 4104, 4109, 12118
Hutchinson, M. J. 1049, 5353, 7662, 9854
Hutchison, K. W. 12895
Hutchison, R. S. 2021
Huth, W. 409
Hutten, R. C. B. 12542
Hüttermann, A. 12855
Huttley, G. A. 11017
Huttly, A. K. 9177
Huttner, E. 6634
Huttner, S. L. 12120
Hutton, M. G. 2629
Huxley, I. 12950
Huyghe, C. 429, 3687, 7071, 7095, 8244, 9319
Hvatum, H. 1956
Hvoslef-Eide, A. K. 1085
Hwang, C. F. 9016
Hwang, D. J. 9753
Hwang, G. J. H. 6097
Hwang, H. J. 6108
Hwang, H. S. 7367
Hwang, I. 12458
Hwang, I. H. 2535
Hwang, I. T. 1099
Hwang, J. H. 3930
Hwang, J. M. 637
Hwang, J. T. 4999
Hwang, S. C. 10731
Hwang, S. Y. 2943
Hwang, Y. H. 1204, 6002-6003
Hwang, Y. S. 9303
Hwang ChinFeng 9016
Hwang DukJu 9753
Hwang HaeJin 6108
Hwang HaiSeong 7367
Hwang InHwan 2535
Hwang InTack 1099
Hwang JaeMoon 637
Hwang JungHwan 3930
Hwang ShawYhi 2943
Hwang YoungHun 6002-6003
Hwang YoungHyun 1204
Hwang YoungSoo 9303
Hwu, K. K. 10158
Hwu KaeKang 10158
Hyakutake, H. 5933
Hyam, R. 4336
Hylen, G. 1015
Hymowitz, T. 4825, 7154, 9370-9371, 9377
Hynek, V. 9793
Hys, L. de 3125
Hyun, J. N. 1307, 5676
Hyun JongNae 1307, 5676
Hyvönen, J. 3992
Iacobucci, M. 79
Iacono, E. 3327
Iacovacci, P. 11783
Iaderoza, M. 7032
Iamsupasit, N. 8668
Iannacone, R. 10611
Iannelli, D. 7309, 12688
Iannetta, P. P. M. 12658
Iannini, C. 5136
Iannotta, N. 12059
Iapichino, G. 11632
Iasi, L. 12659
Iba, K. 1851, 3202, 7014, 7816
Ibarra P., P. 2527
Ibarra-Pérez, F. J. 6039, 6048
Ibidapo, O. A. 2611
Ibragimova, S. S. 12439
Ibrahim, A. M. 3902
Ibrahim, R. 6214
Ibrahim, R. K. 5454, 11014
Ibrahim, Y. M. 8117
Ibrar, R. 3322
Ichii, M. 2333, 4711, 5904, 10314-10315, 10318
Ichikawa, N. 9291
Ichikawa, S. 1097-1098, 6519
Ichimura, K. 4369
Ichinose, Y. 7181, 8140
Ichioka, T. 3789
Ichitani, K. 1410, 4706, 10317
Ida, M. 11190
Ida, S. 344, 5904, 10314, 10318
Iddi, S. 1896, 7639
Idonuma, A. 348, 12368
Idris, G. 938, 943
Idžojtić, M. 10969
Iezzoni, A. F. 4341, 11731
Igarashi, M. 6469
Igarashi, Y. 8173
Igartua, E. 1350, 5700
Igbasan, F. A. 3759
Igeño, M. I. 82
Igita, K. 4832, 6000-6001
Iglesias, A. 8452
Iglesias, C. 10554
Iglesias, L. 2161, 2495, 4738-4739, 5029
Iglesias, L. A. 2161
Iglesias, V. A. 1848
Ignacimuthu, S. 12453
Ignaczak, S. 2377
Ignatova, S. A. 5995
Igue, T. 7163
Ihan, A. 573
Ihii, R. 2187
Ihmig, S. 9536
Iida, S. 1709, 4707, 4713, 12994-12995
Iida, S. I. 5414
Iida, T. 7250
Iida, Y. 10121
Iiyama, K. 111
Ikeda, F. 7413
Ikeda, H. 5363
Ikeda, J. E. 7016
Ikeda, M. 9145, 11276, 11278
Ikeda, R. 4702, 4723, 7035, 8131
Ikeda, S. 9664
Ikegami, F. 7337
Ikegaya, F. 6931
Ikehashi, H. 3633, 3939, 8130, 8147, 10573
Ikemiya, H. 5140
Ikeshiro, Y. 4292
Ikiediugwu, F. E. O. 8519
Ikotun, T. 6102
Ikuta, M. 660
Ikuta, R. 12632
Ila'ava, V. P. 7247
Ilango, R. V. J. 893
İlarslan, H. 2419, 10406
Ilarslan, H. 638
Ilchovska, D. 238, 258, 267
Ilchovska, M. 253, 273
Ileršič, J. 431
Ilgın, M. 6232
Ilgoutz, S. C. 12448
Illes, K. 11595
Illig, J. 5542
Ilstedt, B. 10912
Iltis, H. H. 10755
Ilyas, M. 9589
Ilyas Ahmed 7025
Imada, T. 1591
Imagawa, H. 1020
Imai, R. 8441
Imai, Y. 5900
Imaizumi, N. 10359
Imanishi, S. 5008, 9551
Imaseki, H. 8353
Imbernon, M. 8931
Imerman, P. M. 10547
Imiya, Y. 5904, 10318
Immonen, S. 3411
Imoto, M. 588
Impembo, M. 5023
Imsande, M. 10426
In, M. S. 2585
In MooSeong 2585
Ina, Y. 5516
Inada, H. 3202, 7816
Inada, I. 7675
Inagaki, A. 3580, 4680, 4691, 9291
Inagaki, M. N. 7929
Inagaki, N. 3850-3851
Inanaga, S. 376, 7052
India, Central Institute of Medicinal and Aromatic Plants 11059, 11081
India, Marathwada Agricultural University 10039
India, National Botanical Research Institute 11058
Indra Hooda 7211
Indrapurkar, Y. M. 10517
Indu Sharma 11293
Infante, R. 3972
Infantino, S. 7898, 7904
Informatore Agrario 2487, 7872, 10672, 10679, 10683-10685
Ingelbrecht, I. 12810
Ingersoll, J. C. 886
Ingham, B. J. 9757
Inglis, D. A. 550
Ingram, J. 4356
Ingvarsson, P. K. 9997
Ininda, J. 4813
Innan, H. 55, 1199
Innes, R. 6636
Innovaplant GmbH & Co KG 12973-12974, 12978
Ino, M. 1984
Inoguchi, M. 900
Inokuchi, H. 3904
Inokuma, C. 4246, 10359
Inomata, N. 1767, 7445
Inoue, A. 4000
Inoue, H. 1410
Inoue, K. 2837, 3058, 11680
Inoue, M. 1952, 5471, 8131, 9724
Inoue, T. 2315
Inouye, D. W. 9068
Insero, O. 10686
International Center for Agricultural Research in the Dry Areas 1134
International Crops Research Institute for the Semi-Arid Tropics 4325, 6986-6987, 6995, 7505, 11836
International Institute of Tropical Agriculture 1136
International Network for the Improvement of Banana and Plantain 2009
International Plant Genetic Resources Institute 2010, 5000, 5138, 5233
International Potato Center 11101
International Rubber Research and Development Board 8950
International Society for Horticultural Science 1137-1138, 2017, 3142, 5483, 5485, 6559, 9908, 11105, 13053-13054
Interplant BV 4228, 12931-12932
Inui, H. 1866
Inukai, T. 10308
Inzé, D. 50, 1105, 1852, 3073, 4123, 4371, 5240, 6374, 9748, 9789, 9791, 10918, 11197, 11885, 11892, 12435, 12874-12875
Ionescu, A. 4855, 5075
Ionescu, C. 4855, 5075
Iordan, I. 4347
Iordanov, G. 230, 252, 285
Iordanov, I. 230
Iori, A. 1623
Ipinge, S. A. 4644, 4646-4647
Ipinmoye, I. K. 8519
Ippolito, A. 7866
Iqbal, M. 1560, 1563, 1573
Iqbal, M. J. 5256
Iqbal, N. 4685
Iqbal, S. M. 4875
Iqbal Singh 7948, 10055
Irawan 11846
Iredell, J. 12913
Iredell, P. 12913
Iriawati 2480
Irie, K. 11166, 11618
Irié, V. B. 8726
Irigon, D. L. 7143
Iriki, N. 4528
Irish, E. 4606
Irish, E. E. 11343
Irish, V. F. 1194, 8961, 9532, 11167
Irmler, S. 4293
Irvine, A. S. 2842

Irvine, J. E. 2800, 11849
Irvine, R. B. 9168
Irving, D. E. 3849
Irwin, J. A. G. 10373
Irzykowski, W. 2501
Isaac, S. 10585
Isabel, N. 4204
Isaksson, J. 4424
Isebrands, J. G. 4174
Ishibashi, O. 11097
Ishida, I. 4130, 6342, 7136
Ishida, M. 8185-8186, 10773
Ishida, T. 11179
Ishige, F. 11894
Ishige, T. 5718
Ishiguro, S. 51
Ishihara, I. 1984
Ishihara, K. 6932
Ishii, C. 1098
Ishii, K. 7636, 12887
Ishii, R. 578, 2186, 8155, 10066
Ishii, T. 1155, 1550, 3619
Ishikawa, H. 11187
Ishikawa, K. 9828, 9852, 10573
Ishikawa, M. 339, 10315
Ishikawa, N. 11301
Ishikawa, R. 2257
Ishikawa, S. 660, 4710
Ishikawa, T. 5902, 9852
Ishikura, N. 8185-8186
Ishimaru, J. 5218
Ishimizu, T. 666-667
Ishin, A. G. 3539
Ishiuchi, D. 10599
Ishiwata, K. 1781
Ishizaka, H. 1970, 9852
Ishizaka, S. 7005
Ishizaki-Nishizawa, O. 2850
Ishizuka, J. 9145, 11276, 11278
Isidrón, M. 8524
Iskandar, M. H. 5603
Isla, R. 9171
Islam, A. 1992
Islam, A. K. M. R. 1313, 11227, 11321
Islam, A. S. 9913
Islam, M. A. 3795
Islam, M. N. 590
Islam, N. 376, 7052
Islam, O. M. 9524
Islam, R. 1992
Islam, Z. 5942, 10326
Islam-Faridi, M. N. 935, 2142, 2157, 3039, 6623, 6818, 7593, 7666, 8717
Isleib, T. G. 5504
İsmail, A. 11569
Ismail, A. E. 6306
Ismaíl, C. 2347
Ismail, S. 7613
Ismaili, H. 11829
Ismayadi, C. 6339, 10865
Isoda, A. 7140, 7506
Isoda, K. 1025
Isogai, A. 827, 1776, 4043
Isono, K. 12134
Israel, Ministry of Agriculture, Agricultural Research Organization 12765
Israel Journal of Plant Sciences 3140
Israeli, Y. 5139
Isshiki, S. 6107, 7324, 7516, 7683
Issinger, O. G. 5719
Istrate, M. 688
Itadani, H. 346
Italy, Istituto Regionale per la Floricultura 1947
Italy, Istituto Sperimentale per la Cerealicoltura 6906, 6908, 10099
Italy, Istituto Sperimentale per la Frutticoltura 12654
Italy, Istituto Sperimentale per l'Assestamento Forestale e per l'Alpicoltura, Villazzano. 7752
Italy, Istituto Sperimentale per l'Orticoltura 7754
Ito, E. 6931
Ito, H. 2607, 5020
Ito, K. 6367, 10599, 11925
Ito, M. 5472, 7181, 8393, 9875
Ito, N. 10583
Ito, O. 3774
Ito, P. J. 9652
Ito, T. 588, 7819, 11169
Ito, Y. 338, 2717, 4246
Itoh, H. 2990, 11677, 12228
Itoh, K. 4726, 12361
Itoh, M. 2990, 11301
Itoiz, R. 12675
Ittu, G. 6811, 6899, 12238, 12265
Ittu, M 6899
Iturriaga, G. 4254
Itzhaki, H. 5067, 6166, 6331
Iuchi, S. 6076
Iusem, N. 604
Iusem, N. D. 6134
Ivancic, A. 12573
Ivančić, I. 2244
Ivanoski, I. 7960
Ivanov, M. 767
Ivanov, P. 10822, 11816
Ivanov, S. 283
Ivanova, A. 9348
Ivanova, I. 10822
Ivanova, M. 299
Ivanova, S. V. 6839, 7312
Ivanova, V. 236
Ivanović, M. 2242
Ivanovich, M. 2242
Ivanovski, M. 5633
Ivanovskiĭ, Yu. A. 1131
Ivaşcu, A. 670, 713, 729
Ivashchenko, V. G. 3519
Ives, A. R. 24
Ivezić, J. 7952
Ivkovich, M. 971
Iwabuchi, A. 12366
Iwabuchi, M. 6702, 7920, 10042
Iwamasa, M. 796
Iwamatsu, A. 7136
Iwamoto, M. 4743, 12367
Iwamura, H. 4121
Iwanaga, M. 1158
Iwanaga, S. 4182
Iwasaki, S. 7035
Iwasaki, T. 5406
Iwashita, K. 2412
Iwata, N. 1396, 9283
Iwataki, N. 9715
Iwuoha, C. I. 5852
Iyengar, B. R. V. 3995, 8439
Iyer, R. K. 5470
Iyer, S. 10312
Izawa, T. 3579
Izui, K. 11337
Jaafar, H. 2917, 6361
Jaaska, V. 6727, 10367
Jabeen, F. 9263
Jabłonka, T. 10343
Jablonski, L. M. 12575
Jabs, T. 45, 11191
Jaccard, P. 8017
Jack, P. L. 7500
Jack, T. 7838
Jackai, L. E. N. 1548, 1548
Jackson, A. O. 2042, 7797
Jackson, B. R. 7008
Jackson, D. 5765
Jackson, J. A. 5557
Jackson, J. D. 5703, 5792, 5796-5799, 10139
Jackson, J. F. 4014, 12648, 12709
Jackson, M. B. 6561
Jackson, M. T. 4655, 5888-5889, 7036, 7051, 8128, 8137, 11402
Jackson, P. 4345, 4796
Jackson, P. A. 2775, 8625, 8660
Jackson, S. 6086
Jackson and Perkins Roses 1924-1926
Jacob, H. 5090
Jacob, J. 8771
Jacob, J. L. 8766, 8774
Jacob, Y. 12957, 12967, 12971
Jacobs, A. 4397
Jacobs, A. K. 12674
Jacobs, C. I. 74
Jacobs, D. 12558
Jacobs, K. A. 3951
Jacobs, M. 3223, 5009, 9041, 9961, 12139
Jacobs, T. 4371, 12167
Jacobsen, E. 1566, 1575, 1648, 2526, 3790, 3810, 4907, 7439, 12542, 12560, 12563, 12722
Jacobsen, J. V. 5672, 8139, 11305
Jacobsen, K. R. 11657
Jacobsen, N. 1327, 1969, 9850, 9924
Jacobsen, S. E. 73, 6655, 12124, 12411
Jacobson, E. T. 7089
Jacqmard, A. 50, 12739
Jacquard, P. 7074
Jacquemart, A. L. 12662
Jacquemin, J. M. 5649
Jacquemond, M. 23
Jacquin-Dubreuill, A. 9874
Jadas-Hécart, J. 411
Jadeja, G. C. 9743
Jadhav, B. B. 11404, 11421-11422, 12399
Jaeger, J. 7741-7742
Jaehn, A. 5151
Jafari-Shabestari, J. 12252
Jag Shoran 6731, 6734, 7983
Jagadeesan, M. 2827
Jagadev, P. N. 7188-7189
Jagadish, C. A. 8447
Jagadishwar, K. 10272
Jagdeep Singh 1679
Jagdish Kumar 7191, 9453
Jäger, A. K. 8805, 8874
Jaggi, S. 8091
Jagginavar, S. B. 8462
Jahagirdar, J. E. 3773, 9458, 10497, 12521
Jahan, B. 2214
Jahier, J. 185
Jähne-Gärtner, A. 10025
Jahnke, L. S. 12334
Jahoor, A. 3386, 4565, 12285
Jai Dev 2475
Jaideep Bhargava 5048
Jain, B. P. 12570
Jain, D. C. 4300
Jain, J. 2621-2622
Jain, K. C. 510, 7198, 9471
Jain, R. K. 350, 2127, 7444, 7484, 10325, 11811
Jain, S. 350, 11811
Jain, S. K. 3766
Jain, S. M. 4339, 9919-9920
Jain, Y. K. 3121
Jaiser, H. 5688
Jaiswal, J. P. 12185
Jaiwal, P. K. 4893
Jakab-Kondor, M. 4526
Jakhmola, S. S. 11814
Jakkula, L. R. 6276
Jako, C. 1078
Jakob, K. 11087
Jakovleva, L. 67
Jakše, M. 573
Jakubiec, J. 2501
Jakubowski, T. 686
Jakupovic, J. 9062
Jalani, B. S. 12747, 12750
Jalani, S. 7501
Jalli, M. 1333, 4562, 5679-5680, 5683, 8039, 8041
Jalonen, P. 2974
Jalouzot, P. 9809
Jamadagni, B. M. 515, 11404
Jamali, K. D. 11236
Jamaluddin, S. H. 10732
Jambunathan, R. 2769
James, C. 9956
James, D. 11180
James, D. D. 6550
James, M. 5768
James, N. C. 5705
James, S. H. 2931, 3064, 7622, 8900
Jamet, E. 6318
Jamieson, A. R. 2697, 7391
Jamil, F. F. 509
Jamjod, S. 12233
Jamuna, P. 7537
Jan, F. J. 12823
Jan FuhJyh 12823
Jan Spek Rozen BV 12946
Jana, B. K. 3080
Janaki, P. 873
Janakiram, T. 3913
Janardhanan, K. 8340
Janda, T. 12269
Jang, J. C. 6648, 9943
Jang, Y. S. 6292
Jang JyanChyun 6648, 9943
Jang YeongSun 6292
Janick, J. 4341-4343, 7359
Janick-Buckner, D. 6917
Janković, D. D. 650
Janney, N. 4114
Janovszky, J. 2379
Janowiak, F. 2279
Janse, B. J. H. 2198, 12276
Janse van Vuuren, R. 9563
Jansen, G. 3417, 10542
Jansen, J. 12014
Jansen, P. I. 417
Jansen, R. C. 2820, 7850, 11037, 11182
Jansen, R. K. 6229
Janson, L. 4200
Janssen, E. M. 1575
Janssen, G. J. W. 4926-4927, 8389-8390, 12556
Janssen, R. 4926-4927, 8389, 12556
Jansson, C. 2021
Jansson, E. 6574
Jansson, H. B. 8038
Jansta, Z. 738
Januškienė, R. 1123, 3966
Japan, DNA Data Bank of Japan 5533
Japan, Genetics Society 6562
Japan, Japan International Research Center for Agricultural Sciences 2011
Japan, Ministry of Agriculture, Forestry and Fisheries 2716
Jaquish, B. 5324
Jaradat, A. 13056
Jaradat, A. A. 9094, 10034, 10053, 10056, 12239
Jardin, P. du 11557, 11903, 12904
Jarillo, J. A. 6645
Jarl, C. I. 5235
Jarman, R. J. 4559
Jarret, R. L. 3813, 9161, 10806, 11841, 12682-12683
Jarrett, S. J. 8023
Jarry, M. 3692
Jarvik, T. 2421
Jarvis, C. E. 12183
Jarvis, P. 7823-7824
Jasieński, M. 5270
Jasrai, Y. T. 5303
Jasso Argumedo, J. 801, 2721
Jasso Mata, J. 6402
Jastrzebski, K. 6078, 9512
Jaswal, S. V. 1821
Jat, R. D. 13028
Jatimliansky, J. R. 128, 416
Jattan, S. S. 2954
Jaudzems, V. G. 8903
Jauh, G. Y. 13010
Jauh GuangYuh 13010
Jauhar, P. P. 9088, 9090
Javor, L. 6558
Javor, P. 12214
Javornik, B. 8473, 9058, 11600
Jawahar Lal 7944
Jawsinder Kaur 11325
Jay, M. 11104, 11992
Jay-Allemand, C. 12712-12713
Jayabalan, M. 6385
Jayabalan, N. 3782, 5192, 8607, 12774, 12983

Jayabaskaran, C. 5068, 9580, 10629
Jayakumar, G. W. L. 3536
Jayakumar, P. 4431
Jayanna, M. 10144, 10269, 10519
Jayanthi, M. 7862
Jayanthi, S. 507
Jayapragasam, M. 10310
Jayaraman, N. 10268
Jayasekhar, M. 10751
Jayasena, K. W. 9757
Jayashree Kar 1269
Jayasree, N. 11991
Jayasree, T. 1534
Jaylal 8269
Jaylal Mahto 8129
Jaynes, R. A. 4343
Jażdżewska, E. 5228
Je, D. Y. 8421
Je DaeYeop 8421
Jean, C. 10057
Jean, F. I. 4314
Jean, M. 7456, 12725
Jeandroz, S. 10928
Jeanneteau, F. 10234
Jebb, M. 11056
Jeddeloh, J. A. 3233
Jedel, P. E. 6776, 6869
Jędryczka, M. 10777
Jeffers, D. P. 3521
Jefferson, P. G. 1438
Jefferson-Brown, M. 5434
Jeffrey, C. 8461
Jeger, M. J. 7782
Jegla, D. 4606
Jehangir, K. S. 518, 6994
Jekkel, Z. 12179
Jellen, E. N. 5620
Jellett, B. 11992
Jelti, N. 4915
Jeltsch, J. M. 11623
Jemal Abdurahman 8072
Jena, B. C. 2783, 2795, 7528, 7533, 7541, 10835, 11854
Jenabzadeh, P. 172
Jenczewski, E. 8229
Jenkins, B. D. 8073
Jenkins, C. L. D. 4262
Jenkins, E. B. 10442
Jenkins, G. 1174, 1232
Jenkins, G. I. 1213, 5441, 5557, 9986
Jenkins, J. N. 2885, 8742
Jenkins, S. M. 9547
Jenkinson, P. 10080
Jenks, M. A. 2992, 9042
Jennions, M. D. 10010
Jensen, A. 1803
Jensen, A. B. 4360, 6933, 10160
Jensen, B. 10120
Jensen, B. D. 4956
Jensen, C. S. 9786
Jensen, E. Ø. 3686
Jensen, H. P. 5686
Jensen, J. 5678
Jensen, J. S. 1008
Jensen, K. 10532
Jensen, K. B. 3662, 7085
Jensen, P. E. 2078
Jensen, R. G. 2037, 9750
Jensen, T. J. 5993
Jensen, U. 11462
Jentsch, T. J. 7822
Jeon, J. H. 542, 7218, 10537
Jeon, W. T. 1337, 4576
Jeon JaeHeung 542, 7218, 10537
Jeon WeanTai 4576
Jeon WeonTae 1337
Jeong, B. C. 9520
Jeong, C. S. 6156
Jeong, D. H. 9520
Jeong, H. B. 572, 763-764, 9609
Jeong, H. J. 11743
Jeong, J. C. 3797
Jeong, J. D. 637
Jeong, J. H. 5431, 5664
Jeong, J. S. 9609, 11743
Jeong, J. Y. 11405
Jeong, K. B. 9520
Jeong, S. C. 11001
Jeong ByeongChoon 9520
Jeong CheonSoon 6156
Jeong DongHee 9520
Jeong HaeBoong 572, 763-764, 9609
Jeong HoJeong 11743
Jeong JeongHo 5664
Jeong JinCheol 3797
Jeong JinYong 11405
Jeong JongDo 637
Jeong JongSung 9609, 11743
Jeong KwoBong 9520
Jepson, I. 9260
Jérémie, J. T. C. 5263
Jerez, E. 6678
Jerez, J. M. 11251
Jerie, P. 1718
Jerković, Z. 2200, 2225
Jermini, M. 3883
Jermyn, W. A. 4981
Jeroch, H. 9444
Jesaitis, L. 5783
Jeske, H. 8408, 9758
Jespersen, H. M. 6638
Jesse, T. 7842
Jessop, A. 68
Jessop, R. S. 6890
Jester, C. A. 9655
Jestin, L. 6808, 6886, 8014
Jesus Júnior, W. C. de 8444
Jethwani, V. 1066
Jetter, R. 10568
Jeu, M. J. de 3079, 4340, 6488, 12010
Jeuken, M. J. W. 11601
Jevtić, R. 2200, 2225
Jewell, D. C. 2288
Jha, A. 10495
Jha, K. P. 10557
Jha, M. P. 7996-7997
Jha, S. 4105, 7711
Jha, S. S. 8850
Jha, T. B. 4105
Jha, V. B. 9467
Jhon, A. Q. 7690, 11029
Ji, B. H. 12381
Ji, B. J. 5896, 11414
Ji, D. F. 12467
Ji, H. Q. 2901
Ji, J. 12743
Ji, M. 4683
Ji, Y. 7666
Ji, Y. F. 935, 7593, 8717
Ji, Z. L. 2653
Ji BenHua 12381
Ji BiaoJun 5896, 11414
Ji DongFeng 12467
Ji HaoQin 2901
Ji Jing 12743
Ji Mei 4683
Ji YuanFi 7593
Ji YuanFu 935, 8717
Ji ZhongLi 2653
Jia, C. Y. 579
Jia, E. J. 10663
Jia, F. M. 12651
Jia, J. 10897
Jia, J. F. 1481, 6536, 9364, 11495, 12773
Jia, J. H. 11098
Jia, J. X. 2674
Jia, J. Z. 6616
Jia, M. H. 12489
Jia, S. Q. 7160
Jia, X. L. 1295
Jia, Y. L. 5039, 7320, 11644
Jia, Z. C. 6348
Jia CuiYing 579
Jia ErJiao 10663
Jia FuMing 12651
Jia JianHang 11098
Jia JingFen 1481, 6536, 9364, 11495, 12773
Jia JingXian 2674
Jia JiZeng 6616
Jia ShuQin 7160
Jia XiuLing 1295
Jia YuLin 5039, 7320, 11644
Jia ZhanChang 6348
Jian, J. L. 1295
Jian JiaLi 1295
Jiang, A. L. 776
Jiang, C. 7306, 10252, 10264
Jiang, C. J. 266, 826
Jiang, C. K. 12646
Jiang, C. X. 1644
Jiang, C. Z. 2092, 11528
Jiang, G. M. 9266
Jiang, H. 929, 1855
Jiang, J. 1297, 12612
Jiang, J. M. 1355, 9899, 10270
Jiang, J. R. 4566
Jiang, L. 3114
Jiang, L. C. 5171
Jiang, L. G. 1395
Jiang, L. J. 2147
Jiang, L. W. 4124
Jiang, L. X. 2749
Jiang, M. 766
Jiang, N. 3117
Jiang, N. G. 5083
Jiang, P. Z. 394
Jiang, Q. X. 5079
Jiang, Q. Y. 11519
Jiang, R. G. 12832
Jiang, R. Q. 2878
Jiang, R. Y. 2864
Jiang, S. Y. 5896, 11414
Jiang, W. 9215
Jiang, W. L. 2749
Jiang, X. 2490
Jiang, X. H. 9070
Jiang, X. J. 2140
Jiang, Y. H. 10196
Jiang, Y. L. 12833
Jiang, Y. X. 8721
Jiang, Y. Y. 2273
Jiang, Z. H. 7150
Jiang, Z. R. 2544
Jiang, Z. W. 7401
Jiang, Z. X. 6270
Jiang AiLi 776
Jiang CaiZhong 2092, 11528
Jiang ChangJie 266
Jiang ChangJun 826
Jiang ChengKui 12646
Jiang ChunXiao 1644, 10589
Jiang GuanMin 9266
Jiang Hong 929
Jiang Hui 1855
Jiang JianMing 9899
Jiang JiMing 1355, 10270
Jiang JinRuo 4566
Jiang LiGen 1395
Jiang LiJun 2147
Jiang Lin 3114
Jiang LiWen 4124
Jiang LiXi 2749
Jiang MinLin 12448
Jiang Ning 3117
Jiang NingGong 5083
Jiang PingZhen 394
Jiang QuanXun 5079
Jiang QunYi 11519
Jiang RuGin 12832
Jiang RuiYun 2864
Jiang RuQin 2878
Jiang ShuYe 5896, 11414
Jiang WenLie 2749
Jiang Xi 2490
Jiang XinHua 9070
Jiang XueJun 2140
Jiang YanLing 12833
Jiang YongXing 8721
Jiang YouYi 2273
Jiang ZhengWan 7401
Jiang ZhiHua 7150
Jiang ZhongRen 2544
Jiang ZiXin 6270
Jiao, D. L. 1701
Jiao, D. M. 12381
Jiao, H. S. 9412
Jiao DeMao 12381
Jiao DingLiang 1701
Jiao HongShuang 9412
Jijakli, H. 12686
Jika, N. 6984
Jimenez, B. 7813
Jiménez, J. M. C. 2598
Jiménez, M. M. 9181
Jiménez Krause, D. 2031
Jimenez-Moraila, B. 8135
Jin, B. J. 12646
Jin, D. Y. 5096
Jin, G. Y. 5482
Jin, H. 1504
Jin, H. L. 2854
Jin, J. K. 11095
Jin, P. F. 776
Jin, Q. 664, 1723, 3934
Jin, Q. S. 342
Jin, W. 7139
Jin, Y. 1334, 5687, 8044
Jin, Y. K. 3455, 4627, 10029
Jin, Z. F. 9761
Jin, Z. H. 645, 12646
Jin, Z. Q. 12381
Jin, Z. X. 12646
Jin BaoJing 12646
Jin DianYi 5096
Jin GuiYing 5482
Jin HaiLing 2854
Jin JianKang 11095
Jin PeiFang 776
Jin Qiang 664, 1723, 3934
Jin QingSheng 342
Jin Wei 7139
Jin YoungKwan 3455, 4627, 10029
Jin Yue 5687
Jin ZaiHao 12646
Jin ZhengHua 645
Jin ZhengXuan 12646
Jin ZhiFang 9761
Jin ZhiQing 12381
Jindal, P. C. 772
Jindal, Y. 10771
Jing, G. N. 5183
Jing, G. Q. 5877
Jing, J. K. 3379, 4551
Jing, M. S. 2749
Jing, R. L. 6753
Jing, X. M. 11837
Jing, Y. X. 5294
Jing GuoQiang 5877
Jing JianKang 3379, 4551
Jing MeiShong 2749
Jing RuiLian 6753
Jing XinMing 11837
Jing YuXiang 5294
Jitender Singh 3834
Jividen, G. M. 2898
Jo, J. S. 12385
Jo, M. H. 7329
Jo JinSook 12385
Jo ManHyun 7329
Joachimiak, A. 2386
Joandet, S. 7623
Joanin, P. 5725
Joarder, O. I. 1992
Jobet F., C. 5607-5608
Jobst, J. 644
Jockwer, F. 10072
Jodari, F. 3636, 4729, 7009, 9315, 12391
Joel, D. M. 9556
Joersbo, M. 1529, 6612
Jofet F., C. 5606
Jofuku, K. D. 6650, 9973, 9978
Johal, G. S. 5953
Johannisdottir, G. 887
Johansen, C. 450, 3772, 3774, 4881-4882, 9471, 11576-11577, 13059
Johansen, R. H. 6080
Johansson, A. K. 10690
Johansson, C. 11497
Johansson, H. 6792
Johansson, I. 583
Johansson, L. 8788
Johansson, L. Å. 6792
Johari, D. 1833
Johjima, T. 5014, 5027
John, A. 8799
John, C. K. 13050
John, E. 5866
John, I. 6155, 7315, 9576
John, M. 4119, 6652
John, M. E. 4143, 6345
John, P. 12462

John, S. A. 10491
Johns, M. A. 9431
Johnsen, Ø. 1013, 1904
Johnson, A. G. 4303, 9873, 12037
Johnson, A. W. 7322, 7556
Johnson, B. 5761
Johnson, C. E. 9606
Johnson, C. S. 9751
Johnson, D. 5946
Johnson, D. A. 550, 2066, 3662, 6783, 11362-11363, 12333, 12723
Johnson, E. 896, 2451
Johnson, E. C. 9251
Johnson, E. O. 7132
Johnson, E. O. C. 9393
Johnson, G. R. 3951
Johnson, G. V. 10067
Johnson, I. G. 11923
Johnson, J. 7842
Johnson, J. C., Jr. 6901
Johnson, J. P., Jr. 5642, 10074
Johnson, J. T. 2859-2860
Johnson, J. W. 6685, 6721, 9151, 9161, 11274
Johnson, K. A. 5549, 9855
Johnson, K. B. 6239
Johnson, K. D. 6980
Johnson, L. A. 12328
Johnson, L. A. S. 1245
Johnson, L. D. 4790
Johnson, M. 3196
Johnson, M. A. T. 7634, 9063, 11629
Johnson, R. 11295-11296
Johnson, R. R. 4574
Johnson, S. D. 3101, 8882-8883
Johnson, T. M. 6065, 8182
Johnson, W. C. 6051
Johnson-Flanagan, A. M. 839
Johnsson, C. 8077
Johnston, D. T. 10346
Johnston, G. R. 530-531
Johnston, H. W. 1268
Johnston, J. S. 1803, 2755
Johnston, M. O. 1061
Johsi, A. K. 7170
Jokeš, M. 732
Jolley, V. D. 4508
Jolly Singh 11949
Joly, P. B. 3159
Joly, R. J. 3535, 8697
Jomantienė, R. 11879
Jompuk, C. 2322
Jon, H. 6173
Jon, J. H. 8992
Jon Ho 6173
Jon JiHyung 8992
Jonathan, E. I. 1994
Jones, A. 12200
Jones, A. C. 5374
Jones, A. V. 4878
Jones, B. L. 9168
Jones, C. 2060, 12890
Jones, C. A. 8141, 10292
Jones, C. G. 9437
Jones, C. S. 1921
Jones, D. A. 3760, 11647
Jones, G. A. 7155
Jones, G. H. 4947, 7261
Jones, G. P. 1311
Jones, H. 4344, 6361, 12661
Jones, J. B. 1663
Jones, J. D. G. 593, 597, 1166, 1222, 2045, 4396, 6143, 11137, 11196, 11647
Jones, J. K. 1733, 9775
Jones, K. 2018, 2904
Jones, K. N. 7677
Jones, M. G. K. 6343
Jones, M. H. 408
Jones, M. P. 5946, 8144
Jones, P. 12078
Jones, R. A. 12610
Jones, R. A. C. 1449, 5986, 8388, 10387
Jones, R. K. 3002
Jones, R. L. 5672
Jones, R. M. 9367
Jones, R. N. 8206
Jones, S. S. 176, 7979, 7991
Jones, T. A. 2380, 11480
Jong, H. de 7223
Jong, J. de 6419
Jong, J. H. de 1648, 2569
Jong, T. J. de 11207
Jong, W. de 12555
Jongdee, B. 368
Jongerius, M. C. 4969
Jongsma, M. A. 6419
Jonsson, A. 10823, 10964
Jönsson, H. A. 5960, 7072
Jönsson, J. Ö. 3164
Jonsson, R. 8040
Jood, S. 511
Joppa, L. R. 4501
Jordå, C. 2614, 5042
Jordahl, J. G. 4532
Jordan, B. R. 2074, 12021
Jordan, D. R. 6959, 6978
Jordan, E. G. 493
Jordan, J. R. 6646
Jordana, X. 532, 10850
Jordanov, R. 9895
Jorde, P. E. 7629
Jørgensen, A. B. 3390
Jørgensen, H. 5678, 10110
Jørgensen, J. H. 5685
Jørgensen, P. M. 9843
Jorgensen, R. A. 1079
Jørgensen, R. B. 1766, 1770, 1772, 6242, 8563, 11806
Jørgensen, U. 9339
Jork, K. B. 6538
Jorrot, A. 9565
Josan, A. S. 11317
Josan, J. S. 11756
Jose, J. 1999
Joseph, B. 6543
Joseph, D. 6543
Joseph, L. 11073
Joseph, M. 10857
Joseph, R. G. 11338
Joseph, T. A. 2496
Joshi, A. 1151, 3150, 7721
Joshi, A. K. 8424, 8435-8436, 9562
Joshi, B. C. 6854-6855
Joshi, B. D. 8184
Joshi, K. D. 3150, 3572-3573, 7943, 12355
Joshi, M. S. 13050
Joshi, O. P. 464, 9389
Joshi, P. 6991, 8362, 12236
Joshi, P. K. 8156
Joshi, R. P. 1590, 11936-11937
Joshi, S. 6153
Joshi, U. N. 11386
Joshi, V. 4448
Joshi, Y. C. 10815
Jost, J. P. 902, 7561
Jošt, M. 2180, 11263
Jothi, R. 881
Jouan, B. 9510, 11286
Jouanin, L. 6377, 9789, 10918, 11975, 12712-12713, 12873-12875, 12877, 12880
Joudrier, P. 7919, 8014, 10107
Joulain, D. 1119
Joung, H. 542, 7218, 10537
Joung, Y. H. 7218, 10537
Joung Hyouk 542, 7218, 10537
Joung YoungHee 7218
Joung YungHee 10537
Jouve, N. 3418, 6834, 6841, 6846-6847, 6858-6859, 8028, 10130, 11326
Jovanović, Z. 8099
Joyard, J. 10007
Joyce, K. R. 8779
Joyce, P. A. 8669
Ju, R. 6056
Ju Rong 6056
Juan, J. I. 4613
Juan, J. P. de 4613
Juárez, A. 6844
Juárez Goiz, M. 6044
Jubier, M. F. 2197, 9194, 10389
Judziewicz, E. J. 2388
Jui, P. Y. 8027
Julian, A. M. 4633
Juliano, A. 7051
Juliano, A. B. 5888-5889
Juliano, B. O. 12396
Juliano, N. D. 10015
Juliatti, F. C. 617-618
Julien, M. H. R. 870
Julien-Guerrier, J. 2920
Julier, B. 429, 4783, 7071, 7095, 9321
Julkunen-Tiitto, R. 12857
Jullien, F. 6545
Jumin, H. B. 7419
Jun, J. H. 3930
Jun JiHyae 3930
Jundulas, J. 11607
Jung, C. 888, 6305, 7090, 8672-8673
Jung, C. S. 8266-8267
Jung, G. 3739, 7285
Jung, G. H. 10462
Jung, Y. T. 4576
Jung ChanSik 8266-8267
Jung GeunHwa 10462
Jung YeunTae 4576
Jungblut, T. P. 12854
Junttila, O. 4423
Jupe, S. C. 12604
Jupp, N. C. 1046, 8812, 8895-8896
Jupp, V. F. 1046, 8812, 8895-8896
Jurenitsch, J. 8912
Jürgens, G. 1214, 4401, 4408, 5543, 12131
Jürgens, H. U. 4561, 5643
Jury, M. 5341
Jury, S. L. 13006
Juska, A. 8546
Juvik, J. 5816
Jyotsna Sharma 11586
Kaack, K. 9540, 10717
Kaan, F. 2176
Kabaluk, J. T. 11759
Kabanava, S. N. 5695
Kabashnīkava, L. F. 5695
Kabbaj, A. 9678, 10788
Kabelka, E. 11664
Kabić, D. 2814
Kabir, G. 4155
Kabir, J. 1715
Kačergius, A. 12293-12294
Kachare, D. P. 3466, 3483
Kachhwaha, S. 12289
Kachman, S. D. 11267
Kachole, M. S. 1540, 6072
Kachole, U. G. 6733
Kaczmarek, J. 4581, 10132
Kaczmarek, Z. 3378, 4601, 5684
Kadam, P. Y. 3915
Kadambavanasundaram, M. 4139
Kadapa, S. N. 7587
Kadayat, K. B. 7215, 12355
Kader, J. C. 12169
Kadereit, J. W. 6538
Kadian, S. P. 12785
Kadioğlu, A. 11730
Kadlec, P. 3758
Kadłubiec, W. 4581, 10132
Kadyrzhanova, D. 1313
Kaelin, W. G., Jr. 6923
Kaemmer, D. 12683
Kaeppler, H. F. 260, 10275, 11228
Kaeppler, S. 9272
Kaeppler, S. M. 260, 3739, 10462, 11228, 12085
Kaffka, S. 890
Kafkafi, U. 11262, 12629
Kafkas, S. 4023
Kaga, A. 1550
Kageyama, P. Y. 6316, 9713
Kahane, R. 7262, 8416
Kahl, G. 2058, 4939, 12683
Kahn, F. 5308
Kahn, R. A. 5845
Kahn, T. 11139
Kähr, M. 10964
Kaim, M. S. 10078
Kaiser, A. 6019
Kaiser, A. G. 5853
Kaitala, V. 9937
Kaith, P. 4868
Kaizuma, N. 1615, 7254, 7280, 10773
Kajbaf, A. 9152
Kajdi, F. 10480
Kajita, S. 4171, 7579, 12815
Kajiwara, S. 9971
Kajiya, H. 2315, 4672
Kakeda, K. 1591, 3814
Kakes, P. 10378
Kakhovskaya, I. A. 33-34
Kakitani, M. 7136
Kako, S. 9858
Kąkol, E. 10136
Kakuta, H. 6676
Kakutani, T. 3233
Kalabushkin, B. A. 205, 10108
Kalaimagal, T. 10489
Kalaimani, S. 454, 519-520, 846, 4074-4075, 6284
Kalaimani, T. 878-879, 882, 6301, 8664, 11861
Kalaiselvi, K. 3541
Kalaitzis, P. 9558
Kalamani, A. 10872
Kalashnikova, N. V. 6084
Kalaycı, M. 154-155, 3352, 4506
Kal'chenko, V. A. 202, 11023
Kalda, T. S. 12617
Kaldenhoff, R. 1588, 8394
Kale, D. M. 8602
Kale, P. B. 9587
Kale, P. N. 2578, 3915
Kaleja, V. 1470
Kalia, N. R. 10456
Kalia, P. 2595
Kalia, R. K. 10456
Kalia, V. 1834, 9254
Kalifa, M. A. 3510
Kalita, M. K. 1422
Kalkkinen, N. 7672
Kalla, R. 8139, 10101
Kallerhoff, J. 4058, 7494
Kallio, H. P. 10690
Kalloo, G. 3870
Kaló, P. 3678
Kalpana, R. 4880
Kalpande, H. V. 9494
Kalra, A. 2523
Kalwar, M. S. 2886-2887, 11905
Kalyoncu, I. H. 4015
Kamada, H. 1952, 4418, 7436, 9514
Kamada, M. 1984
Kamal, N. 8120
Kamalay, J. C. 994
Kamannavar, P. Y. 6266
Kamble, S. Y. 2557, 9869
Kamemoto, H. 9859
Kamendra Singh 5048
Kamer, H. M. van de 12039
Kameya, N. 12033
Kameya, T. 556, 3623, 4929, 5745, 6922, 7251, 10184, 10291
Kamijima, O. 1550, 3619
Kamijyo, M. 5406
Kaminaka, H. 7011
Kamínek, M. 6327, 9731
Kamini Kaushal 6765
Kaminskaya, L. N. 6875
Kamiya, Y. 7177, 9295, 11219
Kamlesh Kumar 7459
Kamlesh Mathur 2587
Kamm, A. 5594
Kammen, A. van 1214, 2569, 3808, 5294, 6341, 11880-11881
Kammer, K. 1304
Kammerer, B. 8074
Kamo, K. 7691, 12015
Kamoshita, A. 6971
Kampfenkel, K. 4419
Kamps, T. 5750
Kamstra, S. A. 12010
Kamuanga, M. 323
Kamynina, T. N. 2115

Kamyshina, T. N. 102
Kan, J. A. L. van 3882
Kan, T. 1773, 1780-1781
Kanada, I. 9526
Kanai, H. 1098
Kanamori, M. 12048
Kanampiu, F. K. 10067
Kanayama, Y. 9545, 12508
Kanazin, V. 2434
Kanazirska, V. 629
Kanbe, M. 405, 1448
Kanbertay, M. 9094, 9142
Kanda, M. 2345
Kandali, R. 12397
Kandalkar, V. S. 3121, 9466
Kandasamy, G. 326, 7517, 12347
Kandasamy, M. K. 8567
Kanechi, M. 3850-3851
Kaneda, Y. 12469
Kanehisa, K. 10122
Kaneko, H. 646, 1713
Kaneko, K. 11418
Kaneko, S. 4246, 10364
Kaneko, Y. 3836, 4940, 7250
Kanevski, I. 12811
Kaneyoshi, J. 11773
Kang, B. C. 10614
Kang, B. G. 7205, 8353
Kang, C. W. 6290, 6293
Kang, G. Q. 2565
Kang, G. S. 10527-10528
Kang, H. S. 3621
Kang, J. H. 8110, 8112
Kang, J. S. 5094
Kang, K. Y. 572, 763-764, 9609, 11743
Kang, L. Y. 10544
Kang, M. H. 3335, 12231
Kang, M. S. 1369, 9053, 10259, 11348, 11538
Kang, S. G. 12544
Kang, S. K. 637, 10575
Kang, S. M. 4008
Kang, W. H. 7259
Kang, Y. J. 5899
Kang, Y. L. 2502, 10643
Kang, Y. S. 1336-1337
Kang ByoungCherol 10614
Kang ChulWhan 6290, 6293
Kang GaoQiang 2565
Kang HyeSook 3621
Kang JungHoon 8110, 8112
Kang JunSheng 5094
Kang KwangYoon 572, 763-764, 9609, 11743
Kang LiangYi 10544
Kang MingHui 3335, 12231
Kang SangGu 12544
Kang SeokKwon 10575
Kang SeongMo 4008
Kang SoonKee 637
Kang WanHee 7259
Kang YaJun 5899
Kang YangSoon 1336-1337
Kang YanLing 10643
Kang YuLin 2502
Kangasjärvi, J. 11303, 12857
Kanhaiya Lal 2787
Kaniuczak, J. 6090
Kanivets, V. I. 6236
Kankanpää, J. 203
Kannan, V. R. 5303
Kannangara, C. G. 6784, 6789
Kanne, H. J. 4969, 6122-6123
Kanno, A. 194, 3623, 4929, 7251, 10291
Kanno, H. 10443
Kano, A. 8130
Kano-Murakami, Y. 3169
Kanou, T. 11773
Kanowski, P. 8777
Kanowski, P. J. 5317
Kansal, R. 6067
Kant, T. 7972
Kantar, F. 9425, 11549
Kanthack, R. A. D. 3502, 6751, 7163
Kanthaswamy, V. 1658
Kantolic, A. 4814
Kanwal, K. S. 6712, 7874
Kanwar, J. S. 8414
Kanwar, R. 11807
Kanyand, M. 11840
Kanyuka, K. 12554
Kanzaki, H. 3789, 7251
Kao, C. Y. 294, 9201
Kao, S. S. 11899
Kao, T. C. 2368
Kao, T. H. 1240, 3262, 7687, 9065
Kao, Y. Y. 7574
Kao ChienYuan 294, 9201
Kao TeCheng 2368
Kao TehHui 1240, 3262, 7687, 9065
Kaparthi, R. 9261
Kapaun, J. A. 11943
Kapeller, K. 626
Kapila, J. 4377
Kapila, R. 4029
Kapila, R. K. 9518, 10513, 12303
Kapitany, A. 5443
Kapitány, J. 626
Kaplan, C. P. 9968
Kaplan, S. 2021
Kaplankıran, M. 792
Kapoor, R. L. 5491-5492
Kapoor, S. 5477, 6319
Kapoor, W. R. 1351, 11330
Kappel, W. K. 12310
Kappen, T. 5780, 10223
Kapranov, P. 9355
Kapraun, D. F. 2007, 5481, 8934
Kapros, T. 1440
Kapulnik, Y. 6331, 9346
Kapur, S. P. 11756
Kapusta, J. 8851
Kar, J. 1269
Kar, N. 2472
Kar, R. M. 1526
Kar, S. 6065
Kara, S. 779
Kara, Ş. M. 8698
Karaca, R. 4024
Karadağ, Y. 9345
Karadeniz, F. 6142
Karadeniz, T. 681, 11764
Karaĭvanov, G. P. 3426
Karakas, B. 10863
Karakousis, A. 11321
Karale, A. R. 11779
Karam Chand 12245-12246
Karaman, Z. 8077
Karamathullah, J. 8628
Karamura, D. A. 3993
Karamura, E. 4326
Karamura, E. B. 3993
Karasawa, A. 1547
Karasawa, T. 7878
Karaševicz, D. M. 616
Karataglis, S. 2406
Karavaiko, N. N. 8379
Karayiannis, I. 736-737
Karchi, Z. 3898, 7336
Karcz, J. 5561
Kardailsky, I. V. 2459
Kardile, K. R. 3773
Kareiva, P. 39
Kärenlampi, L. 12856
Karesová, R. 745, 748
Karikomi, T. 660
Karim, A. G. A. 12998
Karim, A. N. M. R. 5942
Karim, M. A. 2722
Karita, S. 1398
Karjalainen, R. 5681, 11303
Karjin, H. 10092
Kärkkäinen, K. 5315
Karl Glaser Gartenbaubetrieb 1040-1043
Karlsson, B. 2978
Karn, J. F. 4773
Karnatak, D. C. 6373
Karnick, C. R. 11114
Karniel, S. 1736
Karnosky, D. F. 4158
Karousou, R. 12044
Karp, A. 1273, 2060, 12071, 12076, 13056
Karpenstein-Machan, M. 3419
Karpinska, B. 9048, 9799
Karpinski, S. 9048, 9799
Karsai, I. 2211, 8026, 11316, 12305
Karssen, C. M. 6137
Karst, F. 43, 8686
Kartesz, J. T. 7867
Kartha, K. K. 2165, 6701
Karthigeyan, S. 327
Kartitsi, H. 6827
Karun, A. 12749
Karunakar, R. I. 6976
Karunanayake, E. H. 9777
Karvouni, Z. 6155
Karyoti, E. 5186
Kasai, N. 13032
Kasamo, K. 343
Kasana, V. K. 3381
Kasarda, D. D. 12280
Kasha, K. J. 6796, 9168, 10058
Kashihara, M. 3203
Kashyap, O. P. 8156, 9359
Kasim, A. A. 10220-10221
Kaşka, N. 678, 683, 689, 691-692, 702, 707, 4023, 4329, 6232
Kasno, A. 6267-6268, 6277
Kasparavičius, J. 12293-12294
Kasperbauer, M. J. 8737
Kasrawi, M. A. 621, 7340
Käss, E. 2113
Kastner, U. 8912
Kasturi Bai, K. V. 6258
Kasundra, J. K. 10515
Kaszás, É. 265
Katagi, S. 7414
Katagiri, F. 5571
Katajisto, J. K. 10690
Kataoka, I. 7423, 11758
Kataoka, M. 5934
Kataria, V. P. 9466
Katarki, B. H. 8729
Katavic, V. 11809
Katayama, H. 3653
Katayama, K. 3816
Katayama, Y. 4171, 7579, 10915, 12815
Kathen, A. de 8366
Kathiravan, K. 787
Kathiria, K. B. 7947, 7965, 10515
Kathju, S. 8364
Katinakis, P. 12473
Katinger, H. 671
Katircioğlu, Y. Z. 1069
Katiyar, P. K. 7955
Katiyar, R. K. 7458
Katiyar, S. K. 9313, 10446
Kato, A. 1703, 5739, 5923, 10174, 10190, 12809
Kato, H. 4702, 4723, 7035, 10301
Kato, J. 900
Kato, K. 1684, 7653
Kato, M. 894, 8185-8186, 9526
Kato, N. 12128
Kato, T. 1411, 4720, 9991, 11530
Kato, Y. 4168
Katsarov, A. 230
Katsiotis, A. 4573
Katsuba, Z. 10288
Katsuhara, M. 5442
Katsumoto, H. 4246
Kattaa, A. 8924
Kattash, G. 8188
Katz, F. 3171
Katz-Downie, D. S. 3279, 9073
Katzir, I. 11084
Katzir, N. 1358, 3898, 5816
Kaufman, D. 4005, 5154, 12696-12697, 12701
Kaufman, S. 11191
Kaufmann, A. 4132, 9754
Kaukinen, K. H. 10981, 12909
Kaul, H. P. 5950
Kaula, G. M. 4634
Kaulgud, S. N. 11779
Kauppinen, V. 10896
Kaur, J. 11325
Kaur, K. D. 2744
Kaur, S. 6289, 11652
Kaur-Sawhney, R. 11204
Kausch, K. D. 9557
Kaushal, K. 6765
Kaushik, C. D. 864
Kaushik, L. S. 6594
Kaushik, R. 8790
Kaushik, S. K. 2156, 7883, 12241
Kaushik, U. K. 4751
Kavanagh, K. L. 2988
Kavita Arora 11355
Kavita Sood 206
Kavitha, R. 11381
Kawada, T. 8728
Kawagoe, Y. 4137
Kawahara, E. 11166
Kawahara, T. 5617, 5619
Kawai, F. 12048
Kawai, S. 4171, 10915
Kawaide, H. 9295
Kawaide, O. 1709
Kawakita, T. 4830
Kawamukai, M. 7820
Kawamuro, K. 1017
Kawanishi, F. 2002
Kawano, S. 2703, 6322, 11020
Kawanobe, H. 6540
Kawarkhe, V. J. 9573
Kawasaki, H. 1025
Kawasaki, S. 5934, 9311
Kawase, E. 4191
Kawase, M. 9273, 10314
Kawata, K. 12048
Kawata, M. 9286
Kawazu, K. 3789
Kawazu, T. 5242
Kawchuk, L. M. 7219
Kay, A. 8712
Kay, S. A. 3237, 5556, 12151, 12197
Kay, V. 9847
Kaya, D. K. 6688
Kaya, H. 10042
Kaya, İ. 813
Kaya, Z. 4192
Kayano, T. 1171
Kaye, C. 8700
Kayım, M. 3996
Kayode, G. 8519
Kayumi, S. 2823
Kazan, K. 6241
Kazankaya, A. 681
Kažemėkas, O. 11562
Kazman, E. M. 6881
Kazman, M. E. 7974
Kazolea, S. 6035
Kazuhiro, N. 10327
Kchouk, M. L. 12592
KcKnight, T. D. 6623
Ke, F. L. 3085
Ke, G. L. 1635, 2540
Ke, J. S. 8989
Ke, N. 7827
Ke, S. Q. 404
Ke, W. D. 2370, 2513
Ke, X. Y. 140
Ke FengLiu 3085
Ke GuiLan 2540
Ke JinShan 8989
Ke Ning 7827
Ke ShanQiang 404
Ke WeiDong 2370, 2513
Ke XiaYi 140
Keane, P. J. 2403
Kearns, C. A. 9068
Kearsey, M. 5673
Kearsey, M. J. 7080, 10112, 11148
Kebebew, F. 3568
Keddie, J. S. 593
Keeler, K. H. 9336
Keeler, S. J. 9740
Keeling, P. L. 1374, 9220
Keen, N. T. 3716, 5497, 7787
Keerio, M. D. 2886-2887, 11905
Keesing, V. 7763
Keever, G. J. 11054
Kefeli, V. I. 1857, 5247

Kefene, H. 1797
Kegler, C. 12633
Kegler, G. 10278
Kegler, H. 743, 8752, 10278
Kehr, A. E. 5350
Kehrer, R. L. 2780
Keim, P. 459, 1361, 7116, 9375
Keimer, B. 4097
Keinonen-Mettälä, K. 2974
Keisling, T. C. 7155
Keith, D. J. 1608
Keizer, L. C. P. 1849, 2820
Kekwick, R. G. O. 2915
Kelchner, S. A. 7743
Kelemen, Z. 12435
Kelemu, S. 5994
Keleş, Y. 5058
Keli, J. 8756, 8764
Kelkar, S. M. 7728
Keller, A. von 11818
Keller, B. 4536, 5658, 7779
Keller, E. R. J. 3831
Keller, G. 4143
Keller, H. 5251
Keller, M. 5596
Keller, T. 457
Keller, W. 7442, 10765
Keller, W. A. 4040-4041, 11809
Kellerhals, M. 3932, 8471
Kellogg, E. A. 4758, 7875, 10015, 10244
Kelly, A. L. 7438
Kelly, D. 12428
Kelly, J. D. 485, 4865, 6048-6049, 8314, 10458, 11560, 12492
Kelly, J. K. 9838
Kelly, J. W. 1955
Kelly, M. O. 12502
Kelmenson, P. M. 10600
Kemble, R. J. 7789
Kemmerling, B. 9159
Kemner, J. 11150
Kemp, H. 655, 11705
Kemp, R. 12661
Kemper, E. L. 2253
Kempken, F. 8107
Kempler, C. 11759
Kempton, R. A. 1160, 3147
Kenaschuk, E. O. 842, 1796, 10782
Kendall, D. A. 10927
Kendall, W. A. 430
Kende, H. 395, 12148
Kendig, S. R. 470
Kendra, D. 10210
Kendrick, R. E. 1654, 9554, 9560, 10468, 10583, 10601
Kenefick, D. G. 12271
Keneni, G. 1823, 2765
Kenga, R. 323
Kengen, H. M. P. 1860
Kenigsbuch, D. 9003
Kennard, W. 4548
Kennedy, A. J. 8616-8618
Kennedy, B. W. 3250
Kennington, W. J. 2931, 7622
Kenny, L. 400
Kenny, S. T. 7741-7742
Kenrick, P. 12182
Kenter, S. 12008
Kenton, A. 8304
Kenton, A. Y. 1854
Kenty, M. M. 6030, 11535
Kenworthy, W. 7134
Keoboulapha, B. 5869
Keogh, R. 4792
Kephart, K. D. 9368
Kerby, K. 3062
Kerby, K. B. 6797
Kerby, T. 2894, 2904, 8743
Kercher, S. 4942
Kerckhoffs, D. M. F. J. 11039
Kerckhoffs, L. H. J. 9554, 9560, 10601
Kerek, M. M. 699, 710
Kerepesi, I. 12272
Kerhoas, L. 6058
Kerlan, M. C. 1769, 7095
Kerlavage, A. R. 5535, 7770
Kermode, A. R. 4124, 11132
Kernich, G. C. 6788
Kernodle, S. P. 249
Kerr, S. 2809, 2819
Kerridge, G. 4335
Kerrigan, R. W. 8931
Kerstetter, R. A. 12195
Kersting, U. 865
Kertész, Z. 12224
Kervella, J. 1730
Kervinen, T. 5681, 11303
Keshwal, R. L. 1505
Keskar, B. G. 11779
Keşmir, C. 10532
Kessel, C. van 5635
Kesseli, R. 3847, 4183, 6470, 12992
Kessler, J. R. 11054
Kessler, S. 9237
Kesteloot, J. 1805
Kester, D. E. 4343
Ketata, H. 11282
Ketchie, D. O. 3921
Kettmann, R. 7353
Ketzel, A. 11728
Keultjes, G. 3212
Kevers, C. 11783
Keys, A. J. 6326
Keys, M. 8139
Khabarov, Yu. I. 746
Khader, K. M. A. 8609
Khadkao, S. 12477
Khairallah, M. 10264
Khairallah, M. M. 2288
Khakim, A. 235, 286
Khaldi, A. 996
Khalid Bhatti 1574
Khalid Majid 1668
Khalifa, S. F. 12201
Khalil, S. K. 1302, 1381
Khalilian, H. 4924
Khaliq, A. 12279
Khan, A. A. 1636, 11520
Khan, A. H. 4520, 6757
Khan, A. K. F. 3694
Khan, A. N. 944
Khan, A. R. 1572
Khan, F. M. 108
Khan, H. 108
Khan, I. A. 1559, 1573-1574
Khan, I. M. 8463
Khan, J. 8463
Khan, K. 12257
Khan, L. 12279
Khan, M. A. 938, 943
Khan, M. F. 10361
Khan, M. G. 3610
Khan, M. M. 8608
Khan, M. N. 8588, 10510
Khan, M. R. 1636, 11520
Khan, M. U. 9670
Khan, M. W. 1636, 11520
Khan, N. U. 138
Khan, P. S. S. V. 7724
Khan, R. A. 946, 11911
Khan, S. 266, 282, 5498
Khan, S. A. 1559, 1561-1562
Khan, T. N. 8315, 9450
Khanbari, O. S. 11603
Khangil'din, V. V. 5614
Khanikar, S. 12639
Khanizadeh, S. 3924, 3969, 8508
Khanna, H. K. 2321, 11427
Khanna, K. R. 5458, 6532
Khanna, P. 6373
Khanna, P. K. 2006
Khanna, V. K. 2127, 12205
Khanum, A. 11277
Khapre, P. R. 10497-10498, 12521
Khaqan, M. 157
Khar, A. 2595
Kharb, R. P. S. 10490
Khare, M. N. 1505
Khashimov, D. A. 1872, 7598
Khatamsaz, M. 11067
Khatiwada, S. P. 1416
Khattab, M. M. 1581
Khattak, G. S. S. 2476
Khattak, S. U. 1302, 1381
Khattra, A. S. 10632-10633, 11633
Khatypova, I. V. 1362, 4599
Khavkin, E. 5800, 12311
Khavkin, E. E. 5790
Khazanehdari, K. A. 4947, 7261
Khedekar, R. P. 10486
Khehra, A. S. 1351, 8071, 11330
Khetarpal, S. 2467, 10487
Khidyrova, N. K. 937
Khire, A. 3121
Khitha, S. 6067
Khlaif, H. 648
Khodzhaev, N. A. 7586
Khokhar, S. 4333
Khoo, S. K. 12847
Khor, E. 8577
Khorgade, P. W. 3778, 5638, 10486
Khotyleva, L. V. 6875
Khotyljova, L. V. 6875
Khouja, M. L. 996
Khristakiev, A. 574
Khristov, K. 251, 253, 273, 279
Khristov, M. 7487
Khristova, G. 284
Khristova, P. 251, 253, 279
Khumalo, F. R. B. 6560
Khunthasuvon, S. 382
Khurana, D. S. 11652
Khurana, S. R. 1804, 8593
Khush, G. S. 4693, 7020-7021, 8136, 9309, 9313, 12405
Khushu, C. L. 10526
Khusnetdinova, T. G. 314, 319
Khvedynich, O. A. 912, 6714
Khvostova, I. V. 2671
Kianian, S. F. 10125
Kibblewhite, R. P. 11962
Kidwell, K. K. 11268
Kieber, J. J. 9033, 11175
Kiefer, E. 6544
Kiefer-Meyer, M. C. 11216
Kiehn, F. A. 1814
Kiehn, M. 4438
Kielly, G. A. 1438, 11496
Kiernan, J. 8685
Kifle, S. 6305
Kihara, S. 11031
Kiihl, R. A. S. 8287
Kiiskinen, M. 12857
Kijas, J. M. H. 8521
Kijne, J. 3211, 3750, 9000
Kijne, J. W. 3374
Kik, C. 7257, 7269, 11631
Kikkert, M. 6339
Kikuchi, A. 2423, 6000-6001
Kikuchi, F. 4702, 7436, 11618
Kikuchi, T. 10659
Kikuno, H. 11618
Kikuta, I. 10621
Kilen, T. C. 10432-10433
Kilgore-Norquest, L. 8283
Kilian, A. 6781, 7922, 8013, 8044
Kilkarni, R. S. 11649
Killebrew, F. J. 6178
Kıllı, F. 7605, 9676
Killingbeck, K. T. 5445
Kilo, V. 6020
Kilo, V. Y. 9408, 11541
Kim, B. C. 1204
Kim, B. H. 9842
Kim, B. J. 1307
Kim, B. S. 637
Kim, C. B. 9881
Kim, C. H. 7367
Kim, C. K. 390, 9881, 10340
Kim, C. S. 6526
Kim, C. Y. 4836, 12458
Kim, D. 1124
Kim, D. A. 2232
Kim, D. H. 2476, 5664, 9303
Kim, D. M. 5631
Kim, D. S. 8399, 10614
Kim, D. U. 1204
Kim, D. Y. 1484
Kim, E. Y. 5432
Kim, H. E. 1099
Kim, H. I. 561, 9303
Kim, H. M. 4129, 9410
Kim, H. S. 542, 6002-6005, 6705, 7218, 7839, 9373, 10537
Kim, H. T. 6108, 9827, 11743
Kim, H. U. 6118, 10575
Kim, H. Y. 2535, 9827, 11405
Kim, I. S. 6156
Kim, J. C. 4008, 6477, 11079
Kim, J. D. 4602
Kim, J. G. 1309, 9827
Kim, J. H. 1048, 1983, 3033, 7205, 8353
Kim, J. I. 11079
Kim, J. K. 1099, 2232, 5664, 9842
Kim, J. L. 2232
Kim, J. S. 4393, 5432, 5870, 7675, 12458
Kim, J. T. 1307, 6292, 9544, 10009
Kim, J. W. 7124
Kim, J. Y. 6483
Kim, K. H. 1093
Kim, K. J. 1485
Kim, K. N. 9187
Kim, K. S. 541, 1484, 6526, 9827
Kim, K. T. 10614
Kim, K. U. 8927, 11448
Kim, K. W. 2364, 5432
Kim, M. C. 12458
Kim, M. G. 2535, 8421
Kim, M. K. 10106, 10939
Kim, M. S. 2618, 11942
Kim, S. A. 9529, 9654, 10615
Kim, S. C. 10893
Kim, S. D. 1089, 1484, 1820, 2036, 6002-6005, 9184, 9373, 9685
Kim, S. G. 1490, 7723
Kim, S. I. 2314
Kim, S. J. 1309
Kim, S. K. 8927, 11371
Kim, S. R. 10615
Kim, S. S. 12385
Kim, S. W. 9520
Kim, S. Y. 3797, 6164, 10549
Kim, T. J. 1089, 6173
Kim, W. B. 9842, 11625
Kim, W. H. 2232, 6005
Kim, W. T. 4129, 7205, 8352
Kim, W. Y. 8421
Kim, Y. D. 6229
Kim, Y. G. 4746
Kim, Y. H 901
Kim, Y. H. 1829, 6002-6005, 6295, 9373, 12807
Kim, Y. J. 8829, 12385
Kim, Y. K. 2618
Kim, Y. S. 1084, 1820, 1829, 2036, 6002-6005, 6295, 9685
Kim, Z. H. 641, 643
Kim, Z. S. 995, 10893
Kim ByeongHyeon 9842
Kim ByungChul 1204
Kim ByungJoo 1307
Kim ByungSoo 637
Kim ChangBae 9881
Kim ChangKil 9881
Kim ChangKyu 390, 10340
Kim ChilYong 4836
Kim ChoongHoe 7367
Kim ChoonShik 6526
Kim DaeHo 5664
Kim DalUng 1204
Kim DeogSu 8399
Kim DongHern 9303
Kim DooYeul 1484
Kim DoSun 10614
Kim DungMu 5631
Kim HanSuk 7839
Kim HoeTae 11743
Kim Holl 561, 9303
Kim HongMo 4129
Kim HongSig 6002-6005
Kim HongSik 9373
Kim HoYeon 2535, 11405
Kim HoYong 9827
Kim HyEg 1099
Kim HyungMoo 9410

Kim HyungTae 6108
Kim HyunSoon 542, 7218, 10537
Kim HyunTae 9827
Kim HyunUk 6118, 10575
Kim IlSeop 6156
Kim JaeWhune 7124
Kim JeongGon 9827
Kim JeongHee 1983
Kim JeongHoe 7205, 8353
Kim JeongKan 9842
Kim JeongYoon 10293
Kim JongCheol 4008
Kim JongDeok 4602
Kim JongGon 1309
Kim JongHwa 1048, 3033
Kim JongIl 11079
Kim JongSuk 5870
Kim JongTae 6292
Kim JoonChul 6477, 11079
Kim JoungKeun 1099
Kim JungKon 5664
Kim JungShim 7675
Kim JungSup 4393
Kim JungTae 1307, 9544
Kim KeeSik 1484
Kim KiJung 1485
Kim KilUng 8927
Kim KiTaek 10614
Kim KumSuck 9827
Kim KwangHo 1093
Kim KwanSoo 541
Kim KwanSu 6526
Kim KyungNam 9187
Kim KyuWon 2364
Kim MinGab 2535, 8421
Kim MinKyun 10106
Kim MoonSoo 2618
Kim SangGu 1490, 7723
Kim SangKuk 8927
Kim SangSook 12385
Kim SeokDong 1484, 2036, 6002-6005, 9184, 9373
Kim SeongRyong 10615
Kim SiDong 1089
Kim SiJu 1309
Kim SokDong 1820, 9685
Kim SoonKwon 11371
Kim SooYoung 10549
Kim Sull 2314
Kim SukWean 9520
Kim SunAe 10615
Kim SunChang 10893
Kim SungYeul 3797
Kim SuYon 6164
Kim TaeJoung 1089
Kim TaeJun 6173
Kim WoeYeon 8421
Kim WonBae 9842, 11625
Kim WookHwan 6005
Kim WooTaek 4129, 7205
Kim YongHo 6002-6005, 9373
Kim YongKwon 2618
Kim YoungDong 6229
Kim YoungHee 901, 12807
Kim YoungJin 12385
Kim YoungJu 8829
Kim YoungSeon 1084
Kim YulHo 1829, 6295
Kim YunSun 1820, 1829, 2036, 6002-6005, 6295, 9685
Kim ZhooHyeon 641, 643
Kim ZinSuh 995, 997, 10893
Kimani, P. M. 4885
Kimata, Y. 12320
Kimber, D. 2803
Kimnach, M. 5446
Kimoto, M. 11093
Kimura, D. 5361, 7680
Kimura, I. 10546
Kimura, M. 4182
Kimura, N. 7337
Kin, J. Y. 10293
Kindiger, B. 1362, 4600
Kindl, H. 9582
Kindle, K. L. 9955
Kinet, J. M. 379-380, 383, 9307
King, E. J. 6646
King, G. A. 1640, 3849
King, G. E. 11268, 12255
King, G. J. 824, 1619, 3933, 7362, 8469
King, I. P. 8121, 10033, 10350
King, J. 1721
King, J. J. 8410
King, K. 644
King, R. 4197
King, R. W. 3224
King, T. 7706
Kinlaw, C. S. 12892
Kinney, A. J. 7148, 7818
Kino, K. 2990
Kinoshita, C. 4296
Kinoshita, I. 1017, 7636, 12887
Kinoshita, T. 1500, 4831
Kinouchi, H. 6200
Kinraide, T. B. 12629
Kintzios, S. 633, 5186
Kintzios, S. E. 10076
Kira, T. 3583
Kiranmai, V. 2757
Kirby, E. G. 12903
Kirby, G. C. 11213
Kirch, H. H. 8385
Kiribuchi-Otobe, C. 11271
Kirillova, G. A. 3405
Kirilovsky, D. 9422
Kirimer, N. 4308
Kirk, P. M. 9912
Kirk, W. W. 9512
Kirkegaard, J. 7473
Kirkpatrick, M. 9996
Kirpes, C. C. 4759
Kirsch, M. 4100
Kirschner, J. 1953, 4332
Kirti, P. B. 8561, 11800
Kirtsova, M. V. 7312
Kirzhner, V. M. 92
Kisaka, H. 556, 4929
Kisaka, M. 556, 4929
Kiser, J. 8714
Kisha, T. 10438
Kisha, T. J. 10397
Kishida, A. 1020
Kishima, Y. 9316
Kishimoto, N. 9291
Kishimoto, T. 1979
Kishinevsky, B. D. 4891
Kishor, C. 12785
Kishor, P. B. K. 11844
Kishore, P. 1387
Kison, H. U. 9099
Kiss, E. 2379, 12179, 12425
Kiss, G. 12906
Kiss, G. B. 3678
Kiss, G. K. 2982
Kiss, J. 12179
Kiss, J. Z. 11185
Kist, H. 10747
Kisu, Y. 11658
Kita, F. 2412
Kita, M. 1773
Kitabayashi, M. 6161
Kitagawa, K. 11680
Kitajima, S. 10380
Kitamura, K. 466, 2424, 12469-12471
Kitamura, N. 665
Kitamura, S. 9724
Kitano, H. 2334
Kite, G. C. 4307
Kıtıkı, A. 8331
Kitoh, S. 1133
Kittipongpatana, N. 12558
Kittlitz, E. von 1508, 4846
Kiviharju, E. 11322
Kiyomoto, R. K. 768
Kiyosawa, S. 18-19
Kiyosue, T. 62
Kjær, E. D. 1008, 2955, 2977, 11953
Kjærsgård, I. V. H. 6638
Kjellbom, P. 583
Kjemtrup, S. 11191
Klaas, M. 12582
Klaff, P. 3179, 3841
Klakhaeng, K. 2346, 5894, 12392
Klann, E. M. 6138
Klar, A. E. 7988
Klaucke, A. 457
Kleckner, N. 95
Kleczkowski, L. A. 8013
Klee, H. J. 9007
Kleffe, J. 3188
Kleijer, G. 6815, 6817, 6878, 12074
Kleiman, R. 11843
Klein, D. 11349
Klein, E. 4286
Klein, J. 6020, 11541
Klein, P. 3730
Klein, R. R. 3730
Klein, T. M. 10860
Klein-Lankhorst, R. M. 5231, 6305, 8671
Kleine, L. G. 5277
Kleine, M. 6305, 12285
Kleiner, K. 12851
Kleiner, W. C. 3922
Kleines, M. 3793
Kleinhofs, A. 6672, 6781, 7922, 8044
Kleinig, H. 3076
Kleinschmit, J. 6370, 11970
Kleizaitė, V. 3238, 11181
Klemm, M. 7560
Klemsdal, S. S. 4530
Kleparski, J. 11726
Klepko, Yu. N. 2292
Klerk, G. J. de 1711, 2999, 6495
Klessig, D. F. 1861, 5248, 5573, 8702, 8705, 9714, 9739, 10312, 11135-11136
Kley, G. 7759
Klimaszewska, K. 12890
Klimczak, L. J. 6645
Klimyuk, V. I. 4396
Klindworth, D. L. 9113
Klindworth, M. M. 9113
Kling, C. I. 4490, 10059
Kling, J. G. 11368
Klinge, B. 11340
Klinguer, A. 5284
Klinguer, S. 5284
Klink, J. W. van 1119, 11082
Klinke, A. 1838-1839
Klinkhamer, P. G. L. 11207
Klips, R. A. 7660
Klitsie, I. 3750
Kloareg, B. 8973
Klocke, E. 1613
Kloet, S. P. vander 8501
Klopfenstein, N. B. 2946, 4197, 11942
Kloth, R. H. 9763
Klöti, A. 9305
Klu, G. Y. P. 2483
Klucas, R. V. 11578
Klug, J. 1182
Kluge, M. 12032
Klumpp, A. 11034
Klumpp, G. 11034
Klumpp, R. 1029
Kmiecik, K. 11556
Knaak, C. 8759
Knaflewski, M. 4973, 4977
Knapp, E. 671
Knapp, E. B. 302
Knapp, E. van der 395
Knapp, S. 8397
Knapp, S. J. 4432, 7520, 8614, 12740, 12779
Knauft, D. A. 6276
Knee, E. M. 3225
Kneipp, J. F. 7753
Knerr, L. D. 8457
Knetsch, M. L. W. 195
Knezevic, D. 12267
Knight, J. 5244
Knight, J. S. 6326
Knight, M. R. 903
Knighton, M. L. 5080
Knittel, N. 12448
Knoester, M. 12808
Knogge, W. 2049, 7790-7791
Knoop, V. 5537, 7828, 11218
Knott, C. M. 4867
Knott, D. R. 1256, 11297
Knott, S. 12086
Knott, S. A. 10961
Knott, T. G. 2021
Knox, E. B. 9075
Knox, M. R. 1532, 3749
Knox, R. B. 11799
Knox, R. E. 7913, 7999
Knudsen, S. 3371
Knudson, D. L. 4548
Knutzon, D. S. 12200
Ko, H. L. 1312, 3054, 11224
Ko, J. A. 1084
Ko, J. M. 1308, 5676
Ko, J. Y. 6483
Ko, M. S. 1336-1337, 5664, 8266
Ko, S. S. 8417, 12583
Ko, T. S. 1093
Ko JeongAe 1084
Ko JongMin 1308, 5676
Ko MiSuk 8266
Ko MooSoo 5664
Ko MuSu 1336-1337
Ko TaeSin 1093
Koba, T. 4726, 10573, 11676, 12226, 12237
Kobata, T. 7053
Kobayashi, A. 3789, 5439, 7005, 12069
Kobayashi, H. 343, 12134
Kobayashi, K. 11542
Kobayashi, M. 1435
Kobayashi, R. S. 6095
Kobayashi, S. 794, 10054, 11773
Kobayashi, T. 4744, 11407
Kobayashi, Y. 6437
Kobori, M. 622
Kobylanski, V. D. 3422
Kobylyanskiĭ, V. D. 3422
Koç, N. K. 3996
Koch, H. J. 1837
Koch, K. E. 248, 1363
Kochba, M. 7674
Kochert, G. 458, 2770, 2772
Kochian, L. V. 105, 3347, 5564
Köchl, A. 10072
Kocjan-Ačko, D. 3345
Kock, P. 3212
Kocks, C. G. 1631
Kočová, M. 2269
Kocsis, L. 7396
Kocsy, G. 9250
Koczor, M. 9839
Kodama, H. 1851, 7014
Kodýtek, K. 6431, 7658
Koebner, R. M. D. 4580, 6711, 6888
Koehorst, H. 6464
Koehorst-van Putten, H. J. J. 6419
Koekemoer, P. J. J. 7416
Koelewyn, J. 1912
Koenig, R. 4132, 9754
Koenning, S. R. 6026
Koes, R. 11028
Köfferlein, M. 12854
Koffi, K. E. 8766
Kofoid, K. D. 11387
Koga, H. 1448
Koga, Y. 7005
Kogel, K. H. 9159, 10087
Kogel, W. J. de 8460
Kohalmi, S. E. 9039
Kohda, H. 2002, 7725
Kohel, R. J. 8716, 8722
Kohjyouma, M. 2002
Köhler, B. 10971
Köhler, C. 42
Köhler, R. 9444
Köhler, R. H. 7567
Köhler, W. 8570
Kohli, A. 3636
Kohli, U. K. 1669, 9569
Kohlstock, N. 6365, 6394, 11983
Kohmura, H. 588, 6127
Kohn, H. 5991
Kohn, J. R. 98, 1103, 7863
Köhne, S. 9720-9721
Koike, H. 3920
Koike, K. 348, 12368
Koike, M. 7228, 7321, 7584

Koike, T. 2929
Koinuma, K. 6931
Koizumi, J. 1853
Koizumi, N. 1200, 4121, 7571
Koizumi, S. 5936
Kojima, A. 7265
Kojima, M. 1853
Kojima, S. 346, 12366
Kojima, Y. 1124, 4168
Kojimo, Y. 11925
Kokelaar, J. J. 2170
Kokkini, S. 12044
Kokoa, P. 12573
Kokubu, T. 10559
Kolacz, K. H. 6353
Kolak, I. 2030, 3155, 3721, 7755
Kolar, C. 4110
Kolar, J. J. 8296-8299
Kolattukudy, P. E. 9222
Kolb, F. L. 1341
Kolchinsky, A. 7133
Kolečkevski, P. 6184
Köleli, N. 12212
Kolesnikova, A. F. 746, 2679
Kolev, K. D. 6729
Koley, S. 7172
Koliopoulos, A. 5186
Koller, B. 8471
Kollipara, K. P. 4825, 7154, 9370
Kollman, L. 12023
Kollmorgen, J. F. 1305
Kolmer, J. A. 7882, 8002
Kołodziej, Z. 4911
Kolomiets, K. D. 6714
Kolomiets, O. L. 4437
Kolomiets, V. N. 2515
Koloszvari, M. 1208
Kołota, E. 11630
Kolte, T. B. 9451-9452
Koltunow, A. M. 5145
Komai, F. 1639, 4970
Komaki, K. 3816, 10558
Komamine, A. 4722, 7238, 8393, 9832, 9875
Komatsu, A. 795, 6223
Komatsu, H. 796, 3920, 7254
Komatsu, T. 4638
Komatsuda, T. 7042
Komeda, Y. 78, 4418
Komínek, P. 732
Komiyama, N. 2990
Komor, E. 8651, 12770
Komura, A. 6200
Kon, S. 9298
Konan, N. K. 7241
Konarev, A. V. 1261
Koncz, C. 5596, 7097, 12005
Koncz-Kálmán, Z. 5596
Konczak. I. 2991
Kondawar, S. R. 2304
Kondo, H. 81, 1615
Kondo, J. I. 7603
Kondo, K. 1591, 6517
Kondo, M. 1703, 4391, 6160-6161, 12123
Kondo, S. 2823
Kondo, T. 10546
Kondo, Y. 12809
Kondorosi, A. 4791, 5979, 7103, 8228, 11497
Kondorosi, É. 7097
Kondorosi, E. 5979, 11497
Kondratov, A. F. 3801
Kong, L. R. 2147-2148
Kong, Q. D. 2370, 2513
Kong, Q. N. 2329
Kong, X. H. 12198
Kong LingRang 2147-2148
Kong QingDong 2370, 2513
Kong QingNi 2329
Kong XianHui 12198
Kongkathip, N. 2726
Konieczny, G. 465
König, S. 9438
Koninklijke Van Zanten BV 8861
Konishi, H. 7436
Konishi, T. 4567, 8027, 10121
Konnert, M. 6393, 11974
Kono, N. 3063
Kono, Y. 5933
Kononkov, P. F. 2552, 6130
Kononov, M. E. 8692
Kononowicz, A. K. 4125, 10852, 11897
Konovalov, A. A. 188, 10102, 11864-11865
Konrad, U. 2105
Konst Alstroemeria BV 5418, 5422, 8859-8860, 8862
Konstantinov, K. 5804-5805
Konstantinova, T. 8378
Konuklugil, B. 4150
Konwar, B. K. 12373, 12799
Konyushaya, E. A. 3315
Koo, B. C. 8019
Koo BonCheol 8019
Kooijman, J. W. 2840
Kooman, P. L. 8380
Kooman-Gersmann, M. 1666
Koornneef, M. 5015, 9029, 9560, 9567, 9987, 10601, 11182, 12129
Kooter, J. M. 3728, 5523, 11554, 12008
Kopelberg, M. 10571
Kopka, J. 8384, 9500
Koppar, M. N. 9448
Kopperud, C. 1082
Koprek, T. 192, 10100
Kopriva, S. 8848
Koprivnjak, O. 4070
Korać, M. 652, 6234, 6238
Korban, S. S. 6436, 7359, 8474, 9593
Kordyum, E. 8209
Koreeda, K. 1052
Korell, M. 1335, 12745
Koretsky, L. S. 4839-4840
Korhola, M. 9163
Korla, B. N. 7170, 8424
Kormelink, R. 9759
Kormuťák, A. 10977-10978, 11971
Kornegay, J. 1514
Kornfield, I. 3276
Kornienko, A. V. 5217
Korning, P. G. 1202
Kornova, K. 751
Korol, A. 4541
Korol, A. B. 92
Korol, L. 10955, 11980
Korol', V. G. 2564
Koron, D. 11742
Korošec, J. 431
Korostyleva, T. V. 10041
Korte, A. M. 922
Korth, K. L. 7217
Korzeniewska, A. 1710
Korzun, L. 3831, 5665
Korzun, V. 3291, 4473, 4580, 11246, 11254, 11260, 12300
Kosak, H. 7560
Koshino, Y. 9291
Koshy, M. P. 10982
Kosina, R. 2146, 4775, 7086, 11482
Koski, V. 1164
Kössel, H. 2966, 3186, 11216
Kossiak, R. M. 10416
Kosslak, R. M. 4842, 8291
Kossmann, J. 1564, 2021, 4900, 12547
Kostić, Ž. 2399
Kostin, V. V. 6693
Kostina, G. I. 316
Kostova, D. 488
Kosturkova, G. 11565
Kostyál, Z. 11602
Kőszegi, B. 2126, 4463
Kothari, S. K. 4305
Kothari, S. L. 1066, 2305, 7972, 12289
Kotikal, Y. K. 9463
Kotilainen, M. 6472, 7672
Kotobuki, K. 11680
Kotov, M. M. 6397
Kotov, V. S. 10958
Kott, L. 7451
Kottke, I. 11934
Kotwal, D. R. 9462
Koubová, J. 12791
Kouchi, H. 4371, 7135, 7573, 9875
Kouchkovsky, Y. de 9725
Koukalová, B. 12820
Koul, A. 3364
Koul, A. K. 5465, 11503
Koul, K. K. 3056
Koul, P. 5465
Koumaglo, K. H. 4314
Koumoto, Y. 4391
Koundal, K. R. 502-503, 6067-6068
Koupeur, T. 5946
Kourouma, S. 8403
Koutsika-Sotiriou, M. 1604, 3438, 9566
Koutsos, T. V. 1604, 9566
Kováč, J. 758
Kovačev, L. 2821, 6304, 12796
Kováčik, A. 7489
Kovacs, M. I. P. 4504
Kovács, S. 7350
Kovács, Z. O. 699, 710, 11712
Koval', S. F. 122, 2145, 3384
Koval', V. S. 3384, 10102
Kovalenko, A. G. 6606
Kovalenko, N. N. 3950
Kovaleva, A. F. 741
Kovaleva, L. V. 11750, 13004
Kovanda, M. 1059, 11683-11684
Kovařík, A. 12820
Kowalczyk, K. 6728, 6868
Kowalewski, S. 256
Kowalski, S. P. 7826
Kowata, H. 8130-8131, 8178
Kowata, M. 6000-6001
Kowsalya, R. 7600, 10875
Kowyama, Y. 1591, 3814
Kozak, I. de 4791
Kozak, L. M. 1256
Kozaki, A. 2335
Kozawa, T. 7228
Kozhemyakin, V. V. 3539
Koziel, M. G. 3187, 6607
Kozik, E. 11639
Kozlov, E. N. 6902
Kozłowski, S. 8198, 8207, 11473-11474, 11479
Kozma-Bognar, L. 4110, 10862
Kozub, G. C. 1509
Kozuka, H. 4000
Kozumplik, V. 2266, 3432
Kpémoua, K. 6100
Kraak, H. L. 2121
Krabel, D. 11929
Kraemer, M. E. 9421
Kraft, M. 10435
Krahulcová, A. 1953, 8498
Krahulec, F. 1953
Krajewska, M. 7176
Krajewski, P. 3378, 4601
Krajmerová, D. 8783
Krajňáková, J. 5292
Kraljević-Balalić, M. 2025, 7952
Kramer, I. 922
Krans, J. V. 2389, 7088
Kranz, H. D. 99
Krapchev, B. 10185, 11341
Krapp, A. 10853
Krarup, A. 4980
Krarup H., A. 2457
Krasova, N. G. 2667
Kratovalieva, S. 5806, 6140, 6151
Krattiger, A. F. 9956
Krause, J. 12016-12017
Krauss, S. L. 5348
Kräuter, R. 2754
Krautwig, B. 1262
Kravchenko, O. A. 10227-10228
Kravets, E. A. 6714
Kravtsov, Yu. F. 7543
Krawczyk, M. 8208
Krebbers, E. 6248
Krebs, D. 2269
Krebs, S. L. 12921
Krech, A. B. 5712
Krefft, B. 2444
Kreft, I. 6807, 11263
Kreft, S. 8381
Kregar, I. 8381, 10533
Kreike, C. M. 8371
Kreis, M. 9001
Kremer, A. 2934-2935, 6368, 7623, 8781-8782, 10898-10899, 10906, 11927, 12863-12864, 12897
Kremer, D. F. 5245
Krens, F. A. 889, 2493, 8678, 11596
Krenz, D. C. 12454
Krenzer, E. G. 4508
Kreps, J. A. 3219, 7808, 12197
Kresovich, S. 4961, 9655, 11146, 12071, 12077, 12309, 13056
Kretschmer, J. M. 11321
Kreuzaler, F. 12543
Kreuzman, J. 3744-3746
Krewer, G. 11741
Kriebel, H. B. 11106
Kriedemann, P. 8778
Krijgsheld, H. T. 8880
Krikorian, A. D. 5581
Krishna 3765
Krishna, T. G. 7801
Krishnadoss, D. 4139
Krishnamoorthy, V. S. 12354
Krishnamurthy, B. 7613
Krishnamurthy, K. V. 7728, 10014, 11064
Krishnan, H. B. 5957
Krishnan, M. 5981
Krishnan, P. 3605
Krishnan, R. 8917
Krishnan, S. 12434
Krishnapillai, V. 9052
Krishnappa, M. 1380, 1390, 5939
Krishnappa, M. R. 333
Krishnaraj, S. 1049, 5017, 7662
KrishnaRaj, S. 9810
Kristensen, B. K. 3391, 6797
Kristensen, H. J. 8035
Kristiansen, K. 6492, 6569, 7655, 7679, 7692
Krištín, J. 1110
Kristo, P. 9163
Kristóf, Z. 11248
Kriz, A. 6910
Kriz, A. L. 4608
Krizanovic, J. 3918
Križo, M. 8802
Krohn, K. 8947
Kroj, T. 12046
Krol, A. R. van der 2994, 9849
Krol, E. 11178
Kronebusch, P. J. 2103
Kroon, J. T. M. 6297
Kroonenberg, P. M. 160, 10254
Kropff, M. J. 377, 3603, 4700, 5905
Kroschewski, B. 2035
Krška, B. 732, 738, 755
Krska, R. 11364
Krstić, B. 6304
Krueger, R. R. 12689
Krueger, R. W. 6930
Kruger, E. L. 10923
Krüger, G. H. J. 9747
Krüger, J. 8474, 9593
Kruger, J. E. 12259
Kruger, L. Y. 7715
Krugman, T. 4541
Kruk, B. C. 10049
Krukelmann, E. 11913
Kruleva, M. 10185, 11341
Krumbein, A. 4967
Krunić, V. 2814
Krupnov, V. A. 181
Krusberg, L. 9601
Kruse, E. 9737
Krutovskii, K. V. 988
Krutwagen, R. W. H. H. 9079
Kruzhilin, I. P. 6944
Krylov, O. N. 2639
Krylova, I. L. 8905
Krysiak, H. 6853

Krzyzanowski, F. C. 7143
Kshaniki Hirimburegama 9628
Ku, D. F. 5916
Ku, H. M. 1655
Ku, M. S. B. 3169
Ku, T. F. 2324
Ku DeFa 5916
Ku HsinMei 1655
Ku TeFa 2324
Kuai, B. 410
Kuang, A. 1205
Kuang, B. C. 6381
Kuang, R. P. 1301
Kuang, T. Y. 9718, 11350, 11837
Kuang, Z. S. 6226
Kuang BingChao 6381
Kuang TingYun 9718, 11350
Kuang TinYun 11837
Kuang ZheShi 6226
Kubaláková, M. 8456, 10020
Kubánek, J. 496
Kubica, Š. 222
Kubis, S. 5594
Kubisiak, T. L. 10954
Kubo, A. 11419
Kubo, T. 5222
Kuboki, Y. 347
Kubota, M. 2101
Kubota, T. 10600
Kučera, V. 831, 7475
Kuchitsu, K. 7836
Küchmeister, H. 11952
Küçükakyüz, K. 9147
Kůdela, V. 8451
Küden, A. B. 707, 4329, 6232
Kudho, M. 2412
Kudla, J. 477
Kudo, M. 2344
Kudou, R. 12590
Kudoyarova, G. R. 10859
Kudryakova, N. V. 3081
Kudryavtseva, N. V. 7544
Kuehnle, A. R. 12021, 12026, 12980
Kühlbrandt, W. 5243
Kuhlemeier, C. 595, 4111
Kühn, C. 1568
Kuhn, W. E. 10031
Kühnel, B. 11804
Kuijpers, A. M. 1711, 6495
Kuijt, J. 13026
Kuiper, H. A. 3884
Kuipers, A. G. J. 12010
Kuittinen, H. 11170
Kuk, Y. I. 11449-11450
Kukda, G. 4185
Kukreja, A. K. 4054
Kuksova, V. B. 12672
Kukułka, I. 8198, 11473-11474
Kula, A. 2386
Kular, J. S. 2902
Kulawiec, M. 8845
Kulcsar, F. 7219
Kuldip Singh 6064, 11241
Kulej, M. 4206
Kulepanov, V. N. 1131
Kulhanek, D. J. 8073
Kulidzhanov, G. V. 3978
Kulisek, E. 12310
Kulkarni, A. A. 11064
Kulkarni, D. K. 8537
Kulkarni, N. 3552
Kulkarni, R. N. 13045-13046
Kulkarni, R. S. 8153, 8159, 11426, 12529
Kulkarni, U. G. 3917
Kulkarni, V. M. 3567, 12351
Kull, B. 7230
Kulshreshta, V. B. 12282
Kumagai, T. 3621, 3630, 8146, 9306, 10558
Kumamaru, T. 11431
Kumar, A. 218, 535, 2782, 3584, 5300, 5919, 6779, 7220, 8326, 8575, 9030, 10476-10477, 10521, 12406
Kumar, A. M. 1190
Kumar, B. 8125
Kumar, B. M. D. 12529-12530
Kumar, C. H. M. V. 7466
Kumar, C. R. A. 7604, 8611
Kumar, C. S. 12022
Kumar, D. 1756, 3748, 7610, 7726, 10891
Kumar, H. 7450, 8103-8104, 8584, 10170, 11566
Kumar, J. 7191, 9453
Kumar, K. 2321, 6726, 7427-7428, 7459, 7478, 8354
Kumar, M. 10170
Kumar, M. U. 1809
Kumar, N. 5297, 7186, 7626
Kumar, N. K. K. 2596
Kumar, P. 7468-7469, 7479, 8583, 10775
Kumar, P. P. 6463, 7661, 11055, 12009
Kumar, P. V. R. 7613
Kumar, R. 103, 3370, 3888, 5417, 8162, 8536, 8790, 9290, 9290, 12240, 12570, 12732
Kumar, S. 1757, 3280, 4295, 4298, 4300, 5461, 6059, 6872, 7201, 7665, 9442, 9886, 10913, 11163, 11280, 12348, 13045
Kumar, S. S. 1822
Kumar, T. P. 11761
Kumar, V. 804, 4305
Kumar, V. D. 11800
Kumar, V. U. 4651
Kumaran, S. S. 1527
Kumarasinghe, D. V. D. 369
Kumaravadivel, N. 12405
Kumari, A. 8438
Kumari, K. 6074
Kumari, P. 11280
Kumari, R. 479, 5998, 8294, 10445, 12481
Kumari, R. U. 9302
Kumari, V. 7118, 8247, 9362, 10395
Kumary, L. S. 11379
Kumazaki, A. 10573
Kumlehn, J. 11259
Kün, E. 4470
Kun, Z. 697, 11722
Kunanuvatchaidach, R. 7040
Kunc, V. 2391
Kundel'chuk, O. P. 4118
Kundu, S. 872, 3116, 4087, 7857, 11855
Kunelius, H. T. 12426
Kunert, K. J. 6377
Kunert, O. 9550
Kunicki, E. 564
Kunin, W. E. 5585
Kunitake, H. 11637
Kunkel, T. 596, 9946
Kunnimalaiyaan, M. 4115
Kuno, K. 1781
Kunoh, H. 5497
Kunst, L. 11171
Kunter, B. 739
Kunz, B. 6083
Kunz, C. 12816
Kunze, H. A. 6405
Kunze, R. 257, 5726-5728, 8076, 10181
Künzel, G. 1315, 5665
Kuo, J. 7134
Kuo, T. M. 11535
Kuo, Y. C. 5917
Kuo, Z. 9195
Kuo TsungMin 11535
Kuo YihChuan 5917
Küpfer, P. 5408
Kuppinger, O. 1364
Kuppuswamy, P. 12360
Kuprešanin, N. 12796
Kuramitsu, J. 4182
Kuramoto, N. 5327
Kuraś, M. 8412
Kurata, N. 348, 1396, 2315, 4671, 4677, 4743, 9287, 12367-12368
Kurcz, S. 4620
Kurepa, J. 9974, 11885
Kurian, A. 7316
Kurian, V. 7676
Kurita, A. 9175
Kuriyama, A. 12048
Kürkçüoğlu, M. 4308
Kurlovich, B. S. 7110
Kurmvanshi, S. M. 9130-9131
Kurnaz, Ş. 6232
Kuroiwa, H. 9812, 12813
Kuroiwa, T. 2703, 6322, 9812, 11020, 12813
Kuroki, G. 5567
Kurosawa, K. 5219
Kurozawa, C. 3881, 8444
Kuruvadi, S. 11916-11917
Kuruvinashetti, M. S. 3548, 10792-10793
Kurzweil, H. 9861
Kusaba, M. 4113, 4713, 12586
Kusano, T. 8100
Kuser, J. E. 2989
Kush, A. 12848
Kush, A. K. 2104, 11442
Kushairi, A. 12747
Kushnak, G. D. 7915
Kushnir, S. 3073
Kusiak, C. 7302
Kusnadi, A. 12310
Kusnetsov, V. 2551
Küster, H. 2440, 4847
Kusumi, K. 7014
Kusumi, T. 1951
Kute, N. S. 8342
Kuttalam, S. 10751
Kutueva, L. I. 59
Kutuzova, S. 8750
Kuusisto, P. H. 10690
Küüts, H. 10085
Kuwabara, T. 4528
Kuwahara, T. 7878
Kuwata, Y. 11773
Kuykendall, L. D. 9401
Kuz'menko, V. N. 2678
Kuz'mina, M. L. 6481
Kuznetsova, N. F. 6399
Kvasnička, F. 3758
Kvitvik, T. A. 11954
Kwa, S. H. 11055
Kwa SiewHwa 11055
Kwack, Y. H. 9544, 9827
Kwack YongHo 9544, 9827
Kwak, H. J. 10615
Kwak, J. M. 8992, 9529, 9654
Kwak, S. S. 12564
Kwak HoJung 10615
Kwak JuneMyoung 8992, 9529, 9654
Kwan, T. 8138
Kweon, S. J. 1307-1308, 5676
Kweon SoonJong 1307-1308, 5676
Kwiatkowski, S. 4042
Kwok, D. 7732
Kwok, S. F. 12136
Kwon, C. H. 2232
Kwon, H. B. 8988
Kwon, H. M. 10893
Kwon, S. T. 5431
Kwon, Y. C. 8267
Kwon, Y. M. 1490, 7723
Kwon, Y. S. 11743
Kwon HawkBin 8988
Kwon HyukMin 10893
Kwon YilChan 8267
Kwon YoungMyung 1490, 7723
Kwon YoungSeok 11743
Kwun, K. C. 1485
Kwun KyuChil 1485
Kyei-Boahen, S. 4919
Kyle, D. E. 6023
Kyle, M. 12630
Kyle, M. M. 7231
Kynast, R. G. 8018
La Bonte, D. R. 8401
La Cognata, U. 6677
La Croix, I. 1095
La Dinh Moi 4313
La Monaco, A. 7398
La Rosa, G. 2714
La Rotonda, G. 2484
Laakso, P. H. 10690
Laats, M. M. 1511
Labana, K. S. 1821, 8572, 11791-11792, 12718
Labate, J. 458
Labate, J. A. 9202
Label, P. 1985, 1989, 5289
LaBerge, D. E. 9168
Laberge, S. 3681, 7105, 8231
Labrouhe, D. T. de 11821
Labuschagne, L. 10688
Labuschagne, M. T. 146, 12263
Lacape, J. M. 2899
Lacasa, A. 5042, 5061
Lăcătuş, V. 5018, 5025, 6144
Lacerenza, N. G. 1329
Lachance, D. 12890
Lachenaud, P. 9712
Lackie, S. 1585
Lacombe, E. 7620
Lacorte, C. 9686
LaCount, W. 7582
Lacroix, C. R. 10999
Lacrotte, R. 8758
Lacuesta, M. 2371, 9317
Lad, S. L. 2468
Laddomada, B. 4497
Ladha, J. K. 10331
Ladiges, P. Y. 5306, 11006
Ladizinsky, G. 7183, 8328
LaDon Day, J. 817, 6901
Laet, J. de 4268
Laffray, D. 11824
Lafiandra, D. 985, 3307, 3320, 4474, 4495
Lafitte, H. R. 9218, 9245, 9251
LaFoe, D. 8078
Lafontaine, J. G. 5028
Lafourcade Asmus, G. 308
Lagarias, D. M. 9022
Lagarias, J. C. 9022
Lagercrantz, U. 7441, 11793
Lagerstedt, H. B. 4343
Laghetti, G. 1159, 2172, 4853, 6577, 6586, 9142, 10037
Laghi, M. 8477
Lagoda, P. J. L. 6215, 12683
Lagos, A. 5545
Lagos, G. 5545
Lagrimini, L. M. 8697
Lahane, P. S. 9776
Lahav, E. 4005, 4341, 5154, 10752, 12701
Lahaye, T. 5666
Lahiri, A. N. 8364
Lai, A. 5036
Lai, C. C. 13049
Lai, J. 2545
Lai, J. H. 4659
Lai, M. G. 8708
Lai, Y. C. 9376
Lai Jian 2545
Lai MingGang 8708
Lai Van Lam 8765
Lai YongCai 9376
Laible, B. 5950
Laidlaw, A. S. 435
Laigret, F. 7623
Laimer da Câmara Machado, M. 671
Laine, S. 7970
Laing, M. D. 4615
Laino, P. 6195
Lairungreong, C. 8668
Lairy, G. 4915
Laishram, J. M. 9680
Lakatos, L. 11602
Lake, M. R. 1523
Lakew, B. 6772
Lakey, J. H. 11611
Lakhanpaul, S. 12682
Lakshmanan, P. 11000
Lakshmi, K. R. 12569
Lakshmi, M. 11946
Lakshmikumaran, M. 4029
Lakshminarayana, R. 9743
Lal, C. 8126, 8329
Lal, J. 7944
Lal, J. P. 7450
Lal, K. 2787
Lal, K. B. 3765
Lal, M. 4091
Lal, R. 3370

Lal, R. K. 13029
Lal, T. 5063, 8453, 9577, 10624, 12627
Laliberté, J. F. 10586
Lalitha, J. 9456
Lallan Singh 10535
Lalonde, S. 2149, 6720, 10048
Laloue, M. 3704
Lam, E. 1217, 4120, 4126, 4818, 9967, 12110
Lam, H. M. 9044
Lam, T. B. T. 111
Lam HonMing 9044
Lamadji, S. 11846, 11852
Lamarque, A. L. 10814
Lamattina, L. 8387
Lamaze, T. 9935
Lamb, C. 424, 4364, 5038, 6019, 7157, 9732
Lamb, C. J. 3728, 9430, 11554
Lamb, J. F. S. 4790
Lambe, W. J. 6746
Lambers, H. 126, 4486, 7717, 7945
Lambers, H. L. 3825
Lambert, A. L. 10441
Lambert, C. 7364
Lambert, G. M. 7565
Lambert, J. 9326
Lambert, P. 5187
Lambert, R. 2083, 9326
Lambert, R. J. 2264, 5833, 8096
Lambie, S. C. 7236
Lamboy, W. F. 3927
Lambrou, M. 631
Lamikanra, O. 3979, 11757
Lamkey, K. R. 5697, 9202
Lammeren, A. A. M. van 3480
Lamonica, G. 3999
Lamontagne, L. 10959
Lamparelli, F. 11827
Lamprecht, H. 5614
Lan, N. 4683
Lan, T. H. 7826
Lan, X. J. 11256
Lan, Z. B. 9277
Lan, Z. Q. 7252
Lan Ning 4683
Lan XiuJin 11256
Lan ZeQu 7252
Lana, K. 11512
Lanahan, M. B. 9007
Lanaras, T. 12044
Lanaud, C. 6215, 6961, 12083, 12683
Lancashire, J. A. 1426
Lancaster, M. W. 8296-8299
Lancaster, R. 5349, 6423
Lance, R. C. M. 6795, 10113, 11321
Lancelin, D. 57
Lancelle, S. A. 6499
Landau-Ellis, D. 7133, 11519
Landbo, L. 1770, 1772, 4036, 6242
Landell, M. G. de A. 7525-7527
Landgeva, S. 4543
Landgren, M. 4038, 4045
Landi, P. 2265, 5748, 9233-9234
Landi, R. 7688, 7737, 8923
Landivar, J. A. 2883
Landolt, E. 2692
Landry, B. S. 533, 4028, 7456, 8558, 10764, 12721, 12724-12725
Landry, J. 12325
Landry, L. G. 6645
Landschütze, V. 6677
Landsmann, J. 8981, 9847
Lane, B. 5763, 5773
Lane, D. P. 9439
Lane, J. A. 7795, 8105, 10509
Lane, L. A. 1451
Lanfranco, L. 8932
Lang, F. Q. 1597, 2512
Lang, G. A. 5101
Láng, L. 4517
Lång, S. 2571
Lång, V. 4425
Lang, Y. Z. 10311
Lang FengQing 1597, 2512
Lang YouZhong 10311
Lángara, A. 6104
Langdale, J. A. 1365
Lange, C. E. 1492, 2752, 8053
Lange, D. A. 6024-6025
Lange, H. C. de 809
Lange, J. H. de 12829
Lange, P. J. de 8191
Lange, T. 3751, 11340, 11659, 12633
Lange, W. 2820, 5231, 6305, 8671, 12777
Langebartels, C. 9934, 11892
Langenberg, W. 530-531
Langenberg, W. G. 8706
Langenkemper, K. 9717
Langer, I. 189-190
Länger, R. 13040
Langeveld, S. 1214, 12563
Langford, M. 3228
Langhe, E. de 2009
Langin, T. 5589
Langland, J. O. 12204
Langland, L. 12204
Langlois, D. 9565
Langlois, N. 9596
Langner, W. 11976-11977
Langridge, P. 184, 6780, 8025, 10360, 10362, 11321
Langridge, P. L. 1313
Langridge, W. H. R. 11595
Langrová, M. 189-190
Lanham, P. G. 3965, 12661
Lanna, A. C. 7141
Lannér, C. 10576-10577
Lanoue, K. Z. 1425
Lantai, K. 11239
Lanteri, S. 2599, 5505
Lantinga, E. A. 403
Lanza, B. 857, 11831
Lanza, L. L. B. 11336
Lanzó, A. 6260
Laparra, H. 7496, 11816
Laparra, H. E. 7495
Lapenta, E. 12845
Lapierre, C. 10918
Lapinjoki, S. 10896
Lapinskas, P. 9876
Łapiński, B. 3294, 6813
Łapiński, M. 1347, 3408
Lapitan, N. L. V. 1265, 4548
Lapointe, G. 945
Laquel, P. 1278, 12720
Lara, F. M. 489
Lara, M. 11748
Lardet, L. 9781
Larin, I. N. 3537
Larina, S. N. 5828
Larina, T. V. 316
Larios, S. A. 288
Lark, E. 11180
Lark, K. G. 2421, 10401
Larkin, J. C. 12145
Larkin, P. D. 10292
Larkin, P. J. 428, 432, 11338
Larkin, R. M. 44, 1193
Larkins, B. 5818-5819
Larkins, B. A. 5757, 5812, 6923, 9225, 10236
Laroche, A. 1300, 4530, 5645
Laroche, J. 11162
LaRosa, P. C. 12596
Larré, C. 6741
Larsen, A. 4756
Larsen, A. B. 2938
Larsen, B. 8835-8836
Larsen, K. 3686, 11510
Larsen, N. 8835-8836
Larsen, N. G. 12251
Larson, D. 8392
Larson, K. D. 3974
Larson, R. 6420
Larson, R. A. 10995
Larson, S. 1313
Larsson, C. 583
Larsson, S. 9704, 12869, 12881
Lartaud, M. 8773
Larter, E. N. 7949
LaRue, T. A. 497
Las Heras Vázquez, F. J. 2598
Lasa, J. M. 5854
Lascève, G. 5562
Lascoux, M. 1885, 4178, 7628
Lascurain, M. 6523, 8910
Lashermes, P. 10844
Lashkari, D. A. 5545
Lasocka, I. 2194
Lasschuit, J. 5854, 6488, 12010
Lassegues, J. K. 11643
Lasserre, E. 7335
Lasso, J. H. 9432
Lassus, S. 11906
Last, R. L. 83, 4416, 5558, 6632, 6645, 6654
Lastra, R. 2831
László, M. 10668
Lata, S. 9518
Latado, R. R. 5400
Lataster, M. 12543
Latché, A. 642, 4370, 7335, 7397, 8476, 12628
Lateef, S. S. 9485
Laterrot, H. 612, 5032-5033, 5041, 5046
Lateur, M. 653, 7348
Latham, J. R. 10866
Latham, L. J. 10387
Lathouwers, J. E. 889
Latif, A. 108
Latino, A. 1032
Latipova, G. 224
Latournerie, L. 5808
Lattanzio, V. 1544, 10504
Lättig, K. 5537
Laublin, G. 6087
Laudencia-Chingcuanco, D. 9227
Laudié, M. 8999, 9965-9966
Lauer, J. G. 11373
Lauerer, M. 8696, 9742
Laughner, B. H. 10146
Laurain, D. 4211
Lauranson-Broyer, J. 1003
Laureles, E. V. 2356, 5929
Laurens, F. 10646
Lauri, P. 10641, 11783
Laurie, D. 349, 5673
Laurie, D. A. 10112, 11147
Laushman, R. H. 5295
Lauter, F. R. 2570, 2582
Lauvergeat, V. 9785
Laux, T. 4407, 12131
Lauxen, M. S. 1492
Lauzan, J. R. 5862
Lavania, U. C. 1987
Lavaud, C. 429
Lavee, S. 4068, 12755
Lavelle, D. T. 5040
Lavergne, D. 10057
Lavi, U. 3898, 4005, 5154, 8075, 12696-12697, 12701
Lavia, G. I. 10807
Lavigne, C. 3273
Lavin, A. 10693
Lavín A., A. 6211
Lavrijsen, P. 2526
Law, C. N. 2157, 5641, 8004, 10033, 11246, 12221
Lawlor, D. W. 5244
Lawrence, A. 8519
Lawrence, F. J. 4342
Lawrence, G. J. 9774
Lawrence, M. 9263
Lawrence, M. J. 4657, 4717-4718, 5213, 6664, 7532
Lawrence, P. 6962, 11302
Lawrence, P. K. 10809
Lawrence, S. D. 7313
Lawson, D. M. 12614
Lawson, R. 4197
Lawson, R. H. 3088-3089
Lawson, W. R. 7946
Lawton, K. 7842, 9993
Laxalt, A. M. 8387
Laxman Singh 510, 7193, 9468, 9470-9471, 9481
Laxmi Chand 11355
Lay-Yee, M. 5080
Layne, D. R. 12708
Layne, R. E. C. 3952-3954, 4341, 8478
Layton, J. G. 5518
Layzell, D. B. 3715
Lazar, M. D. 6769
Lazarides, M. 8221
Lazaridou, T. 6035
Lazaro, A. 580
Lazarova, G. I. 10600
Lazarova-Topchiïska, M. 753
Lazcano-Ferrat, I. 9434
Lazič-Jančić, V. 5599
Lazo, G. R. 8716
Lazzari, B. 5789, 6928, 12186
Lazzaroni, G. 6884
Lazzaroni, N. 2258
Lazzeri, L. 2753
Lazzeri, P. 3342, 11265
Lazzeri, P. A. 5677
Le, J. H. 1697
Le, Q. V. 8794
Le Blanc, J. P. R. 11012
Le Chung Ha 663
Le Chung Kha 663
Le Corre, V. 11927
Le Deschault de Monredon, F. 1373
Le Deunff, E. 11346
Le Deunff, Y. 8319
Le Gouis, J. 1292
Le Guen, J. 2015, 9427
Le Guen, L. 9001
Le Guerroué, B. 4210, 12879, 12908
Le Huquet, J. A. 7310
Le JinHua 1697
Le Lézec, M. 10646
Le Mau Tuy 8757
Le Romancer, M. 7232
Le Roy, P. 12086
Le Tan, V. 12838
Le Thierry D'Ennequin, M. 7267
Le Thomas, A. 1086
Lea, P. J. 2371, 3377, 9317, 11311
Leabwan, U. 8668
Leach, D. G. 12921
Leach, D. N. 4144
Leach, G. R. 3754
Leach, J. E. 386, 10260
Leach, J. N. 1871
Leah, R. 6782
Leakey, C. L. A. 3695
Leal, F. 4341
Leaman, M. 2809
Learned, R. M. 6647
Leath, S. 3354, 10082
Leather, S. R. 7644-7645
Leau, G. 1429, 1432
Lebeda, A. 2553, 8451, 8456
Lebedev, N. 1175
Lebedeva, A. T. 3903
Lebedeva, N. T. 7256
Lebel-Hardenack, S. 9066
Leblanc, C. 8973
Leblanc, N. 7572
Leblanc, O. 5843, 7091, 11461, 11486
Lebner, B. 3423
Lebot, V. 1111, 8920, 12083
Lebreton, P. 984, 1003
Lebrun, P. 948, 8762, 8770
Lebskiï, V. K. 11568
Lebsky, V. K. 9445, 11568
Lech, M. 8437
Lecharny, A. 9001
Lechner, W. R. 4644, 4647
Leckie, D. 1223, 1632
Leckie, F. 12094
Leclerc-Potvin, C. 10586
Leclercq, P. A. 4313
Leclercq, S. 613
Lecomte, B. 6043
Lecomte, P. 9329-9330
Leconte, A. 8755, 8770
Leconte, D. 1429, 1432
Lecoq, H. 6158
Ledbetter, C. A. 3949, 3957, 6187
Lederman, I. E. 9646
Lee, B. 3880
Lee, B. G. 6293

Lee, B. H. 1829, 6295
Lee, C. H. 12748
Lee, C. K. 1309, 5664
Lee, C. L. 11000
Lee, C. W. 404
Lee, D. 2832, 5173
Lee, D. J. 9272
Lee, E. A. 261, 2262, 6477, 9258-9259, 9842
Lee, E. S. 1309
Lee, F. M. 7574
Lee, F. N. 5867, 5871, 5875, 5937, 5947, 8176, 8180
Lee, H. H. 11642
Lee, H. J. 4602, 8110, 8112
Lee, H. S. 9881
Lee, H. W. 435
Lee, I. 4417
Lee, I. S. 12317
Lee, J. 191
Lee, J. H. 260, 1309, 5664, 11228, 11928
Lee, J. I. 1820, 1829, 6293, 6295, 9685
Lee, J. K. 2021
Lee, J. M. 562, 4430, 5237, 7582
Lee, J. S. 1490, 3094, 3142, 4576, 9520
Lee, J. Y. 920, 9383
Lee, K. C. 1048, 3033
Lee, K. S. 1083, 4703
Lee, K. W. 11079
Lee, K. Y. 6150, 9827
Lee, L. 11993
Lee, M. 2252, 2267, 2271, 2294, 3455, 5706, 5716, 6254, 9202, 10156, 10271, 12338
Lee, M. A. 5519
Lee, M. M. 11015
Lee, M. S. 7432
Lee, P. O. 3094
Lee, S. C. 8927
Lee, S. D. 2036
Lee, S. H. 1499, 6002-6004, 9373, 9385, 11015
Lee, S. I. 2535
Lee, S. J. 12564
Lee, S. K. 602, 9654
Lee, S. P. 8927
Lee, S. S. 9609
Lee, S. T. 6526
Lee, S. W. 599, 9685, 10893
Lee, S. Y. 924, 1336-1337, 1484, 8421, 11405, 12458
Lee, T. 12997
Lee, T. I. 6156
Lee, T. M. 11440
Lee, T. van der 6798
Lee, W. S. 637
Lee, Y. H. 561, 6002-6003, 6005, 6505, 9303
Lee, Y. K. 786, 12543
Lee, Y. S. 5664
Lee, Y. W. 11150, 12335
Lee BongHo 1829, 6295
Lee ByungGyu 6293
Lee ChongHee 12748
Lee ChoonKi 1309, 5664
Lee EunAe 6477, 9842
Lee EunSup 1309
Lee HoJin 4602, 8110, 8112
Lee HyunSuk 9881
Lee InSup 12317
Lee JaeSaeng 4576
Lee JaiHeon 260
Lee JaiYoul 920
Lee JongHo 1309, 5664
Lee JongSeob 1490
Lee JongSuk 3094, 3142
Lee JoonSeol 9520
Lee JungIl 1820, 1829, 6293, 6295, 9685
Lee JungMyung 562
Lee KiCheol 1048, 3033
Lee KiYoung 9827
Lee KwangWoong 11079
Lee KyeoungSoon 1083
Lee MyeongMin 11015
Lee PoongOk 3094
Lee SangChul 8927
Lee SangDuck 2036
Lee SangYang 1336-1337
Lee SangYeol 8421, 11405
Lee SangYong 924
Lee SeokWoo 997, 10893
Lee SeongPhil 8927
Lee SeongWoo 9685
Lee SeungKoo 602
Lee SeungTack 6526
Lee ShinWoo 599
Lee SooIn 2535
Lee SooSeong 9609
Lee SukHa 6002-6004, 9373, 9385
Lee SungKuk 9654
Lee SungYeul 1484
Lee SunHi 11015
Lee Taelk 6156
Lee-Tamon, S. H. 12741
Lee TseMin 11440
Lee WooSung 637
Lee YaSeong 5664
Lee YeonHee 561, 9303
Lee YeonKyeong 12543
Lee YewHwa 6505
Lee YinWon 12335
Lee YongKi 786
Lee YongWoog 11150
Lee YoungHo 6002-6003, 6005
Leebens-Mack, J. 6621
Leech, M. 3636
Leech, R. M. 2078, 2098, 3321
Leegood, R. C. 2371, 3377, 11311
Leelavathy, K. M. 3136
Leene, C. J. 6360
Lefèbvre, C. 970, 1954, 7673
Lefebvre, D. 3311
Lefebvre, D. D. 9045
Lefèbvre, M. 8678
Lefèbvre, M. P. 889
Lefebvre, V. 1687, 7332
Lefèvre, F. 2941, 2944, 7627, 12879
Lefkovitch, L. P. 1436, 1444, 4525
Lefol, E. 11795
Lefranc, M. 5291, 10680
Legard, D. E. 550
Legave, J. M. 6209, 9616
Legendre, B. L. 2785, 2796
Léger, A. 3874
Legg, E. 3132
Legge, W. G. 4563, 9168
Leggett, J. M. 1338, 9178
Leggewie, G. 8382
Legionnet, A. 2944
Legnate, H. 8755-8756, 8764
Legrand, M. 2836
Legrand, P. 10680
Legué, V. 1778
Lehane, R. 806, 5181
Lehmann, J. 7075, 8203
Lehmann, L. 7339
Lei, B. J. 2418, 9372
Lei, D. 84
Lei, J. J. 5119, 7273, 10689
Lei, Z. S. 2179, 4468, 5601
Lei, Z. Y. 657
Lei BoJun 9372
Lei BuoJun 2418
Lei Ding 84
Lei JiaJun 5119
Lei JianJun 7273, 10689
Lei ZhenSheng 2179, 4468, 5601
Lei ZhenYa 657
Leidi, E. O. 12837
Leijerstam, B. 3389
Leina, M. J. 8466
Leinemann, L. 11978
Leinonen, I. 2927
Leins, P. 11999
Leisle, D. 4504
Leister, D. 12555
Leister, R. T. 5571
Leitão, F. 11825
Leitão, F. A. 4066
Leitão, L. 11834
Leitch, A. R. 4482
Leitch, I. J. 11202
Leite, A. 12409
Leitre, R. P., Jr. 4935
Lejeune, B. 9194, 10389
Lejeune, F. 624
Lekh Raj 7469, 7479, 10775
Lelandais, C. 4116, 9723, 9725
Lelièvre, J. M. 7397, 8476
Lelley, T. 6805, 6881, 12425
Lelli, L. 2984, 5309
Lelu, M. A. 11975
Lema, G. 9312
Lemaillet, G. 6628
Lemaire, L. 9634
Lemaux, P. G. 890, 4549
Lemerle, D. 4539
Lemežis, E. 4769
Lemieux, B. 32, 4395, 5545
Lemma, E. 1823
Lemmens, M. 5646, 11364
Lemmi, G. 2390
Lemoine, R. 1568
Lemos, E. E. P. 4012
Lemos, E. G. M. 6014
Lemos, L. 5280
Lemos, L. B. 7171
Lemos, V. G. M. 6015
Lempereur, I. 6740
Lending, C. R. 5791
Lendini, M. 172, 7902
Lenehan, Z. 6633
Leng, H. Q. 3941
Leng, S. F. 9762
Leng HuaiQiong 3941
Leng SuFeng 9762
Lenka, D. 3733, 8305-8306
Lenka, P. C. 5161
Lenne, C. 8320, 11609
Lenné, J. M. 8957
Lenoir, A. 4031
Lentini, A. 12763
Lentini, Z. 2349
Lenton, J. R. 11249, 12234
Lenz, F. 766
Leo, F. de 1798
Leon, A. E. 2240
Leon, A. J. 6254
León, H. de 5808
León, I. P. de 5250
León, L. A. 2280, 3446
León, P. 6648, 10693
León Castillo, H. de 3472
Léon-Kloosterziel, K. M. 73, 9029, 11182
Leonard, D. A. 1486-1488, 11521-11522
Leonard, J. 7520
Leonard, J. M. 12779
Leonard, K. J. 7783
Leonard, R. T. 11332
Leonardi, S. 967, 10910, 11931
Leonardis, A. de 4071
Leonelli C., G. 2527
Leonforte, A. 1431
Leong, S. K. 8769
Leoni, M. 2620
Leplé, J. C. 12874, 12880
Lepoivre, P. 12686
Lepp, N. W. 5956
Leprince, O. 3680
Lerbs-Mache, S. 8972
Lerceteau, E. 10845, 12805
Lereclus, D. 12828
Lerner, I. M. 5287
Leroy, P. 1352
Leroy, T. 1846, 11870, 12184
Lersten, N. R. 4759
Lertvichai, R. 2346, 12392
Lesbros, P. 11484
Lescure, A. M. 6911
Lescure, B. 7807
Lescure, N. 426
Lesignes, P. 11817
Leslie, M. 6146
Lesovoi, M. 6758
Lespinasse, D. 8762
Lespinasse, Y. 1725, 3928, 10646
Lessard, P. 9001
Lesselich, G. 4515, 5643
Lester, D. G. 8046
Lester, D. T. 2960, 10982
Lester, R. N. 4452, 4897
Leszczyński, B. 10097
Letanneur, J. C. 7443
Letayo, E. A. 4650
Letchamo, W. 11057, 11068
Leto, C. 7710, 7719, 7731, 7734, 8551, 10783, 11078
Letouzé, R. 6671
Leuliette, S. 7366
Leung, B. 6604
Leung, D. W. M. 635
Leung, J. 9027, 9032, 11888
Leung, N. 2165
Leur, J. A. G. van 6772
Leuschner, K. 4636, 5487
Leustek, T. 3198, 4393
Leuven, F. van 397, 6105, 9623-9624, 9857, 11765, 13005
Lev-Yadun, S. 9015
Leva, A. R. 11833
Levasseur, C. 4204
Levée, V. 11975
Levesque, J. 1111, 8920
Levey, V. 3017
Levi, A. 9604
Levidow, L. 3159
Levin, D. A. 10012
Levin, J. Z. 4407
Levorson, J. 11160
Levy, A. 10094
Levy, A. A. 5729-5731, 6323
Levy, F. 6471
Levy, M. 5067
Levy, O. 4541
Lewandowski, A. 6409
Lewartowska, E. 10777
Lewers, K. S. 6011, 10402
Lewin, L. 8142
Lewinsohn, E. 9870, 11084
Lewis, C. 931
Lewis, D. H. 12021
Lewis, G. P. 1889, 1893, 9497
Lewis, M. E. 587, 7306
Lewis, M. J. 3751
Lewis, N. G. 6434
Lewis, R. 12962
Lewis, W. J. 7411
Lewthwaite, S. L. 9499, 10562, 12541
Lexer, C. 8781
Leymarie, J. 4429, 5562, 8228
Leyns, L. 4254
Leyser, H. M. O. 3876
Lézec, M. le 10646
Lhaloui, S. 6767
L'Heureux, T. A. 10182
L'Homme, Y. 9667
L'Huillier, L. 1378
Li, A. G. 12832
Li, A. J. 12341
Li, A. M. 6552
Li, B. 6309, 10922
Li, B. C. 11636
Li, B. J. 140, 5884, 7017
Li, B. L. 3394
Li, B. R. 2567
Li, B. S. 4949
Li, B. X. 9296
Li, B. Y. 978, 10434
Li, C. 5159, 9661, 9893, 12585
Li, C. D. 2215, 5668, 6780
Li, C. G. 360, 5901
Li, C. H. 2273, 10881
Li, C. J. 4468
Li, C. L. 2544, 2603, 2608
Li, C. Q. 3711, 7273
Li, C. S. 769
Li, C. X. 5088
Li, D. D. 9210
Li, D. F. 947
Li, D. H. 9294
Li, D. W. 12206
Li, D. Z. 5088, 6551, 12055
Li, F. 12650
Li, F. G. 942
Li, F. L. 942, 9006
Li, F. S. 7024, 8270, 9388
Li, F. X. 2405
Li, G. 2641

Li, G. C. 5157, 6497
Li, G. F. 374
Li, G. G. 2498-2499, 9509, 9679
Li, G. H. 4003
Li, G. P. 10675
Li, G. Q. 2366
Li, G. R. 9296
Li, G. X. 5066
Li, G. Y. 1667, 2581, 5091, 6352
Li, H. 4165
Li, H. B. 360, 4687, 9288, 9292
Li, H. C. 9108
Li, H. J. 3473, 6690, 12222
Li, H. M. 6718
Li, H. W. 6718
Li, H. Y. 7577, 10421
Li, H. Z. 9841
Li, J. 291, 3232, 4826, 5916, 9215, 9217, 9888, 10023
Li, J. F. 1667, 2581
Li, J. K. 297
Li, J. L. 1635, 9332, 9417
Li, J. M. 1403, 9008
Li, J. N. 1775, 2736
Li, J. P. 10430
Li, J. R. 9585
Li, J. S. 1995, 5754, 9121
Li, J. W. 2641, 2651
Li, J. X. 9770
Li, J. Y. 5503, 6654, 10239
Li, K. 42
Li, K. Y. 6375
Li, L. 969
Li, L. C. 6414, 9805-9806, 10444
LI, L. F. 5916
Li, L. H. 1242
Li, L. Y. 11098
Li, L. Z. 6274
Li, M. H. 5088
Li, M. M. 11409
Li, M. N. 848
Li, M. Q. 9539, 10643
Li, M. R. 2329
Li, M. X. 933
Li, P. 2318, 2329, 3628, 4736, 11162, 12650
Li, P. G. 2153
Li, P. J. 2532
Li, P. L. 7006
Li, Q. 7147, 8568
Li, Q. C. 9893
Li, Q. F. 7607
Li, Q. L. 769
Li, Q. Q. 127, 2148, 12262
Li, Q. S. 9661
Li, Q. Y. 3118, 6534
Li, Q. Z. 12840
Li, R. G. 3609
Li, R. Q. 12232
Li, R. Z. 4003
Li, S. 9230
Li, S. C. 6358
Li, S. D. 1644, 2590, 5002
Li, S. F. 9708
Li, S. H. 5253, 10052
Li, S. K. 2531
Li, S. L. 6247, 6282, 6288, 10667
Li, S. M. 1694, 4112, 6378, 11287
Li, S. Q. 848, 1694
Li, S. S. 2148, 9277
Li, S. X. 3858, 6282, 6288, 10613, 10714
Li, T. 2324, 5708, 12469
Li, T. G. 3629
Li, T. H. 2638, 9856
Li, T. L. 10597
Li, T. Q. 11868
Li, W. 6718, 7062
Li, W. B. 2319
Li, W. D. 9378, 11453
Li, W. G. 3637
Li, W. H. 6800, 9665
Li, W. J. 1437, 1595, 7160
Li, W. L. 755
Li, W. M. 3253, 3359, 5896, 11414, 11914, 12221
Li, W. Q. 4383
Li, W. R. 9821
Li, W. S. 5651
Li, W. X. 9125, 9133
Li, W. Z. 3379, 4551
Li, X. 358, 2217, 5709, 6119, 9158, 11430, 12381
Li, X. C. 2418, 9372, 12643
Li, X. D. 6273
Li, X. F. 9412, 12292
Li, X. G. 3640, 5089
Li, X. H. 1483, 1697, 4745, 5078, 9417
Li, X. L. 664, 942, 1722-1723, 3934, 7354, 9376, 10106, 12374
Li, X. M. 10360, 12475
Li, X. O. 1605, 2544
Li, X. P. 3356, 3628, 4736, 12840
Li, X. Q. 3451, 6919, 7456, 9667
Li, X. R. 5066
Li, X. S. 5105
Li, X. W. 9888, 10942
Li, X. X. 10295
Li, X. Y. 4696
Li, X. Z. 2332, 3596, 9665, 9674
Li, Y. 1392, 1625, 2420, 5073, 7062, 9346, 9821, 10440, 10663, 12589
Li, Y. C. 7602, 11255
Li, Y. H. 1635, 1667, 9158
Li, Y. J. 6358
Li, Y. L. 6909, 10767
Li, Y. M. 7870
Li, Y. N. 1722, 6176-6177, 7354
Li, Y. P. 1437, 5273, 10440
Li, Y. Q. 6347, 8412
Li, Y. Z. 3931, 3948, 5847
Li, Z. 5066, 10806, 11796
Li, Z. D. 1876
Li, Z. J. 2546, 11841
Li, Z. Q. 4664, 9893
Li, Z. S. 5503, 12138
Li, Z. X. 1404, 2326, 2567
Li, Z. Y. 5886, 5890, 6245, 7594, 9660
Li, Z. Z. 2169, 3343, 5640
Li AiGuo 12832
Li AiJun 12341
Li AiMin 6552
Li BaiLin 3394
Li BangXiu 9296
Li BaoChun 11636
Li BaoJian 140, 5884, 7017
Li BaoShu 4949
Li BaoYing 10434
Li Bin 6309
Li BiRan 2567
Li BiYuan 978
Li ChangLan 2608
Li Cheng 9661, 12585
Li ChengDao 2215, 5668
Li ChengQiong 7273
Li ChengXin 5088
Li ChuanGuo 360
Li ChuanSheng 769
Li Chun 5159
Li ChunHong 2273
Li ChunHua 10881
Li ChunLing 2544, 2603
Li ChunQi 3711
Li Cong 9893
Li CongJun 4468
Li DaDong 9210
Li DaWei 12206
Li DeFang 947
Li DeHong 9294
Li DeZhang 5088
Li DeZhu 6551, 12055
Li FaSheng 7024
Li Feng 12650
Li FengLan 9006
Li FengLian 942
Li FengXia 2405
Li FuGuang 942
Li FuShan 8270, 9388
Li GaoChao 5157
Li GengGuang 2498-2499, 9509, 9679
Li GenYuan 6352
Li GongFu 374
Li Guang 2641
Li GuangYu 5091
Li GuanRong 9296
Li GueiHeng 4003
Li GuiYing 1667, 2581
Li GuoChen 6497
Li GuoPing 10675
Li GuoQing 2366
Li HeBiao 360, 9288, 9292
Li HongChao 9108
Li HongJie 3473, 6690, 12222
Li HongWu 6718
Li HongYan 7577
Li HongYuan 10421
Li HuiMin 6718
Li HuiZhi 9841
Li JiaNa 1775, 2736
Li JianKun 297
Li JianMing 9008
Li JianWu 2651
Li JianXun 9770
Li JiaShen 1995
Li JiaWang 2641
Li JiaYang 6654
Li Jie 9888
Li JiLin 9417
Li JiMing 1403
Li JingFu 1667, 2581
Li JinSheng 9121
Li JiPing 10430
Li JiRong 9585
Li JiuYun 10239
Li JiYun 5503
Li Jun 4826, 5916
Li JunLong 9332
Li KuanYu 6375
Li LianCheng 10444
Li LiHui 1242
Li LinChu 6414, 9805-9806
Li LinFeng 5916
Li Ling 969
Li LiYun 11098
Li LiZong 6274
Li MaoMao 11409
Li MaoXue 933
Li MeiHua 5088
Li MeiRu 2329
Li MingQi 9539
Li MingQiang 10643
Li MoNan 848
Li PeiJi 2532
Li PeiLe 7006
Li Peng 11162
Li PiGao 2153
Li Ping 2318, 2329, 3628, 4736, 12650
Li Qiang 7147
Li QiangSheng 9661
Li Qin 11770
Li QingChun 9893
Li QingLin 769
Li QingQi 127, 2148, 12262
Li QingYu 3118, 6534
Li QiongFang 7607
Li QiuZhi 12840
Li RongGai 3609
Li RongQian 12232
Li RongZhong 4003
Li ShaoXion 6282
Li ShiaoXoung 6288
Li ShiMing 11287
Li ShuChuan 6358
Li ShuDe 1644, 2590, 5002
Li ShuHua 10052
Li ShuiXiang 10714
Li ShuLin 2734, 6247, 6288
Li ShuLing 10667
Li ShuMei 6378
Li ShuMin 1694
Li ShuMing 4112
Li ShuQiang 848
Li ShuXia 3858
Li ShuXian 10613
Li SiShen 2148
Li SiuLin 6282
Li SongQun 1694
Li SuFan 9708
Li SunKai 2531
Li TaiGui 3629
Li Tao 2324
Li TianLai 10597
Li TianQing 11868
Li TingHong 2638
Li TongHua 9856
Li WanJi 1437
Li Wei 6718
Li WeiDong 9378
Li WeiJi 1595
Li WeiJun 7160
Li WeiLin 755
Li WeiMing 3253, 5896, 11414, 11914, 12221
Li WeiQi 4383
Li WenBin 2319
Li WenDe 11453
Li WenHua 9665
Li WenRong 9821
Li WenSheng 5651
Li WenXiong 9125, 9133
Li WenZe 3379, 4551
Li Xia 2217, 12381
Li Xian 6119
Li XiangDong 6273
Li XiangGan 3640
Li XiangHong 5078
Li XiangZhi 9674
Li XiangZhou 2332
Li XianYong 4696
Li Xiao 9158
Li XiaoFeng 9412, 12292
Li XiaoHua 1697
Li XiaoLin 664, 1722-1723, 3934, 7354
Li XiaoOu 1605, 2544
Li XiaoPing 3628, 4736
Li XiaoQin 6919
Li XiChen 2418, 9372
Li Xin 358, 11430
Li XingHua 9417
Li XingXiang 10295
Li XinHai 1483, 4745
Li XinLi 10106, 12374
Li XinMin 10360, 12475
Li XinPu 3356
Li XiSheng 5105
Li XiuGen 5089
Li XiuLan 942, 9376
Li XiuQing 3451, 7456, 9667
Li XiWen 9888, 10942
Li XueCheng 12643
Li XuePeng 12840
Li XunZhen 3596, 9665
Li Yan 1625, 12589
Li YanLi 10767
Li YaoPing 5273
Li YaZhi 3931, 3948
Li Ying 2420, 5073, 10440
Li YingChun 7602
Li YinMing 7870
Li YiPing 1437
Li Yong 9821, 10663
Li YongHao 1667
Li YouChun 11255
Li Yu 1392
Li YuanPing 10440
Li YuJun 6358
Li YuLing 6909
Li YunHe 9158
Li YuNong 1722, 6176-6177, 7354
Li YuQiang 6347
Li ZaiYun 9660
Li ZeSheng 12138
Li ZhenSheng 5503
Li ZhenXing 2567
Li ZhiJian 11841
Li ZhiJun 2546
Li ZhongYi 5886
Li ZhuQiang 9893
Li ZhuYing 5890
Li ZiXian 1404
Li Zixian 2326
Li ZongDao 1876
Li ZongYou 7594
Li ZongZhi 2169, 3343, 5640
Liang, A. T. 10739
Liang, B. 7054, 9308
Liang, B. F. 2695

Liang, B. G. 3576
Liang, C. Y. 359, 4701, 12318
Liang, G. H. 2298, 3675, 3679, 4383, 5847, 11540
Liang, G. L. 7354
Liang, H. X. 5402
Liang, J. 10759
Liang, J. S. 12377
Liang, K. Q. 7026
Liang, M. Z. 5137
Liang, Q. 3296
Liang, T. B. 5133, 12375
Liang, X. Q. 6263, 6274, 6279, 6282, 6288
Liang, X. W. 42, 3587, 4390
Liang, X. Y. 11150
Liang, Y. 2538
Liang, Y. Y. 11423, 12376
Liang, Z. L. 7592, 12832
Liang, Z. M. 7166
Liang, Z. Q. 12230
Liang, Z. W. 2333, 4711
Liang, Z. X. 4603
Liang AiTao 10739
Liang Bin 7054, 9308
Liang BoFan 2695
Liang ChengYe 359, 4701, 12318
Liang GuoLu 7354
Liang HanXing 5402
Liang JianSheng 12377
Liang Jun 10759
Liang KeQin 7026
Liang TieBing 5133, 12375
Liang XiaoWen 3587
Liang XiaoWu 42, 4390
Liang XiaoYou 11150
Liang XuangQiang 6263
Liang XuanQiang 6274, 6279, 6282, 6288
Liang Yan 2538
Liang YiYuan 11423, 12376
Liang ZhengLan 7592, 12832
Liang ZhengWei 2333, 4711
Liang ZhenXing 4603
Liang ZhiMei 7166
Liang ZuoQin 12230
Liao, B. 58
Liao, J. A. 10675
Liao, L. 9418
Liao, L. J. 4734
Liao, W. Y. 10413-10415, 10418
Liao, X. M. 6274
Liao, X. R. 5128
Liao, Y. C. 12543
Liao, Z. K. 5143
Liao JingAn 10675
Liao LanJie 4734
Liao Lin 9418
Liao WenYing 10413-10415, 10418
Liao XiaoMei 6274
Liao YuCai 12543
Liao ZongKai 5143
Libal-Weksler, Y. 5067, 6166
Libbenga, K. R. 1856
Libby, W. J. 953, 2989
Lichev, V. 749
Lidansky, T. 12089
Liddle, D. J. 4291
Liddle, I. M. 4291
Lidén, M. 6480, 12003
Liebenberg, A. J. 8311
Liebenberg, E. J. L. 9337
Lieber, B. 7379
Lieberman, D. 7631
Lieberman, M. 7631
Liedl, B. E. 3862
Liegl, I. 12854
Liesebach, M. 11956
Liggitt, J. 10927
Lightfoot, D. A. 6020-6021, 9394, 9408-9409, 9414, 10431, 11541
Lightner, J. 3886, 9047, 11180
Ligterink, W. 7104, 12046
Lii, C. Y. 11432
Lii ChengYi 11432
Lijavetzky, D. 604
Lijsebettens, M. van 5552
Lila, M. 10234
Lilius, G. 7562
Lilley, C. 12122
Lilley, C. J. 12157
Lilley, J. M. 3622, 3627
Lim, C. O. 2535, 8421
Lim, H. T. 541, 1048, 3033, 9842, 11625, 11996
Lim, K. G. 3519
Lim, S. G. 1308
Lim, S. M. 641
Lim, T. M. 11055
Lim, Y. P. 3094
Lim ChaeOh 2535
Lim ChoeOh 8421
Lim HakTae 541, 1048, 3033, 9842, 11625, 11996
Lim SeaGyu 1308
Lim SuMi 641
Lim TitMeng 11055
Lim YongPyo 3094
Lima, M. F. 2503
Lima, M. G. 8088
Lima, M. M. A. de 7554
Lima-Brito, J. 6835, 10030
Lima e Silva, P. S. 3445
Limami, M. A. 9357
Limbourg, P. 9330
Limin, A. E. 6750
Limiroli, R. 4069
Limongelli, G. 4853
Limongi A., R. 3506
Lin, B. Q. 7325
Lin, B. X. 1635
Lin, B. Y. 1690, 6921
Lin, C. 7272
Lin, C. T. 2085, 3244, 12565, 12698
Lin, C. Y. 7245, 11899
Lin, D. X. 2329
Lin, F. 12027
Lin, F. C. 5476
Lin, G. L. 5896, 11414
Lin, H. 421, 2872, 9376, 12460
Lin, H. R. 6359
Lin, H. X. 2320, 3608, 4666, 4669, 4688, 10759
Lin, H. Z. 336
Lin, J. J. 7134
Lin, J. R. 2337
Lin, J. T. 10763
Lin, J. W. 4682
Lin, J. X. 8263
Lin, J. Z. 3257
Lin, K. 10667
Lin, K. C. 1342
Lin, K. R. 9243
Lin, L. H. 5896, 11414, 11914
Lin, M. I. 7245, 11899
Lin, M. P. 6381
Lin, M. S. 8402
Lin, M. T. 12565, 12698
Lin, P. Q. 4152, 11914
Lin, P. Y. 151
Lin, Q. 11077, 11770
Lin, Q. S. 9700
Lin, R. F. 7574, 11453
Lin, S. 9403
Lín, S. F. 3705
Lin, S. S. 6221
Lin, S. Y. 347
Lin, T. 10644
Lin, T. C. 2563
Lin, T. F. 2323, 2343
Lin, T. H. 10759
Lin, T. P. 1035
Lin, T. Y. 8430
Lin, W. X. 11423, 12376
Lin, X. H. 4697, 5931, 7057
Lin, X. J. 1614
Lin, X. M. 12625
Lin, X. W. 9118
Lin, X. X. 1318, 6263
Lin, X. Y. 6097
Lin, X. Z. 4709
Lin, Y. 649, 6649, 9016
Lin, Y. E. 2654, 2658
Lin, Y. Q. 5143, 9701, 11862
Lin, Y. Z. 2361-2362
Lin, Z. F. 359
Lin, Z. H. 10759
Lin, Z. J. 2179, 4468, 5601
Lin, Z. P. 9718
Lin, Z. Q. 8179
Lin BaiQing 7325
Lin BiYing 1690
Lin Chao 7272
Lin Chen 8900
Lin ChenTao 2085, 3244
Lin ChiTsai 12565, 12698
Lin ChuYung 7245
Lin DaoXuan 2329
Lin FangCan 5476
Lin Feng 12027
Lin GuangLin 5896, 11414
Lin HanZhen 336
Lin HeXing 10759
Lin Hong 421, 9376, 12460
Lin HongXuan 2320, 3608, 4666
Lin HuaRu 6359
Lin JhyJhu 7134
Lin JianRong 2337
Lin JianXing 8263
Lin JueyWen 4682
Lin Ke 10667
Lin KuoChih 1342
Lin LiHui 5896, 11414, 11914
Lin MaoSong 8402
Lin MeiIn 7245
Lin MingPin 6381
Lin MingTse 12565, 12698
Lin PeiQing 4152, 11914
Lin Qi 11077
Lin QingShan 9700
Lin RuFa 11453
Lin ShaoShen 6221
Lin ShaoYang 347
Lin TaiHong 10759
Lin Tao 10644
Lin TienChih 2563
Lin TsaiYun 8430
Lin TsanPiao 1035
Lin TsayFa 2323, 2343
Lin WenXiong 11423, 12376
Lin XiaoMin 12625
Lin XiaoXia 1318
Lin XiaoXun 6263
Lin XiaoYing 6097
Lin XingHua 4697, 5931, 7057
Lin XiuZhen 4709
Lin XueJun 1614
Lin XueWu 9118
Lin YanQuan 9701, 11862
Lin YiEr 2654
Lin YingQi 5143
Lin YiZi 2361-2362
Lin YuE 2658
Lin Yuer 649
Lin Yun 6649, 9016
Lin ZaiQing 8179
Lin ZhiFang 359
Lin ZhiHong 10759
Lin ZhongPing 9718
Lin ZuoJi 2179, 4468, 5601
Linacero, R. 3412
Liñán, J. 12755
Linc, G. 2126, 2211
Lincoln, C. 80
Lind-Iversen, S. 12920
Lindahl, M. 5560
Lindberg, S. 9149
Lindborg, K. M. 11269
Linde-Laursen, I. 1327, 8022
Lindemann, J. 9548
Linder, C. R. 1801
Linder, H. P. 1248, 9861, 10989
Lindgren, D. 992, 2961, 7640, 10977
Lindgren, K. 2961
Lindhout, P. 5007, 5031, 5035, 6145, 8016
Lindqvist, H. 4562, 5683, 8039
Lindroth, R. L. 2943
Lindsay, W. P. 6019
Lindsey, K. 7831, 9964
Line, M. 3090
Lines, R. 6395
Ling, B. B. 1318
Ling, D. H. 4722, 4966
Ling, J. T. 12923
Ling, Y. R. 3114
Ling, Y. Z. 10675
Ling BeiBei 1318
Ling DingHou 4722, 4966
Ling JingTian 12923
Ling YeouRuenn 3114
Ling YiZhang 10675
Lingappa, S. 9463
Linger, P. 9567
Linhart, J. 11085
Linhart, Y. B. 4446, 6576
Link, G. 4030, 10780
Link, W. 1508, 4846, 10447
Linkert, G. L. 6699
Linnaeus, C. 11300
Linnestad, C. 1321
Lino-Neto, T. 12924
Linossier, L. 2920, 11915
Linsalata, V. 1544, 10504
Linscombe, S. 12391
Linscombe, S. D. 3636, 4716, 4729, 7009, 9315
Linthorst, H. J. M. 6609, 12808
Lintig, J. von 3076, 9305
Linwood Roberts, F. 8719
Lio', P. 2579
Lioi, L. 1513
Liou, L. J. 1694
Liou, P. C. 6120
Liou LianJie 1694
Liou PanChi 6120
Lipasku, G. A. 4840
Lipka, V. 12543
Lippoli, G. 6928
Lipps, P. E. 1379
Lips, S. H. 4560
Lira, R. 8461
Lis-Balchin, M. T. 5360
Lisa, V. 488
Liscum, E. 3226, 9083, 10022
Lisetti, M. 7730
Lisitsky, I. 3841
List, G. R. 4833
List, S. E. 9896
Lister, C. 52, 9009
Lister, C. E. 565
Liston, A. 3283, 11001
Lisunov, V. P. 2805
Litchfield, J. B. 290
Litescu, S. 4874
Littlefield, T. A. 11842
Littlejohn, G. M. 3004, 3027, 4216, 5351-5352, 8871
Litts, J. C. 12218
Litvak, S. 118, 532, 1278
Litvinova, T. V. 2723
Litz, R. E. 9916
Liu, A. G. 9253
Liu, A. M. 4687, 9292
Liu, B. 913, 9105, 9304, 11242
Liu, B. G. 5097
Liu, B. H. 2151-2152, 3251, 4432
Liu, B. S. 6719, 7041
Liu, B. Y. 7589
Liu, C. J. 1391, 1477, 8121
Liu, C. M. 8440
Liu, C. N. 4627, 10029
Liu, C. Z. 2254
Liu, D. 3162, 10188
Liu, D. C. 11244, 11256, 11465
Liu, D. F. 478, 5177
Liu, D. J. 413, 4483, 6716, 9114, 10419
Liu, D. X. 1404
Liu, E. M. 10338, 10341
Liu, F. 1437, 1625, 12589
Liu, F. H. 7328
Liu, F. Q. 8214
Liu, F. Y. 9863
Liu, G. 2326, 7284, 9806
Liu, G. D. 4733
Liu, G. F. 10425
Liu, G. H. 829, 5096
Liu, G. L. 3812, 4733
Liu, G. Q. 3274
Liu, G. S. 1625
Liu, G. Y. 2418, 2638, 9372
Liu, G. Z. 11098
Liu, H. 9284, 12207, 12222
Liu, H. B. 9825
Liu, H. C. 2870

Liu, H. F. 9297
Liu, H. J. 1614, 6117
Liu, H. L. 1784, 6245, 7270, 9660, 10772, 11796
Liu, H. M. 2705
Liu, H. S. 9118
Liu, H. W. 6497
Liu, H. X. 2329, 3628, 4736, 10750
Liu, H. Y. 668, 1515
Liu, J. B. 1686
Liu, J. F. 12833
Liu, J. H. 1437, 2601, 6352, 12741
Liu, J. L. 5754, 6919, 9209, 9769, 9894
Liu, J. P. 1698, 12152
Liu, J. Q. 1789, 2226-2227, 6085, 9844
Liu, J. R. 7244, 12564
Liu, J. S. 9056, 10608
Liu, J. W. 1696
Liu, J. X. 415, 6686
Liu, K. B. 4547
Liu, K. D. 3586, 4668, 4675, 4678, 12372
Liu, K. J. 6179
Liu, K. S. 4026
Liu, L. 5835
Liu, L. H. 7214, 10155
Liu, L. J. 8286
Liu, M. J. 2727
Liu, M. Q. 7328
Liu, M. Z. 9515
Liu, P. 9880
Liu, P. Y. 2518
Liu, P. Z. 5082
Liu, Q. 9206
Liu, Q. C. 10561
Liu, Q. X. 3117, 9296, 12050
Liu, Q. Y. 7590
Liu, S. 2971
Liu, S. C. 7826
Liu, S. E. 5102
Liu, S. F. 12843
Liu, S. H. 11287
Liu, S. J. 467, 8470
Liu, S. L. 4903, 9821
Liu, S. M. 2863
Liu, S. Q. 6910
Liu, S. X. 2537, 2556, 11226
Liu, S. Y. 840, 10095, 12231, 12568
Liu, S. Z. 1295
Liu, T. 2916
Liu, T. G. 10619
Liu, T. H. A. 2488
Liu, T. Q. 4696
Liu, T. T. Y. 8697
Liu, W. 4469, 7318
Liu, W. B. 1320
Liu, W. D. 12836
Liu, W. G. 1696
Liu, W. H. 2534, 9417
Liu, W. J. 947
Liu, W. K. 3582
Liu, W. N. 4431, 6009
Liu, W. S. 5163, 12711
Liu, X. 7167, 10163
Liu, X. B. 9125
Liu, X. C. 4698
Liu, X. D. 2328, 3597, 6497
Liu, X. H. 4663
Liu, X. L. 6057
Liu, X. M. 1606
Liu, X. P. 1635
Liu, X. Z. 297, 2260
Liu, Y. 861, 981, 5815, 9230, 10163, 10544, 10759, 11796
Liu, Y. B. 8253
Liu, Y. D. 415, 9714, 11135
Liu, Y. G. 51-52, 4662
Liu, Y. H. 977
Liu, Y. K. 1635
Liu, Y. L. 7249, 12442
Liu, Y. M. 2533, 2539, 4959, 7282, 10580
Liu, Y. Q. 664, 1723, 3934, 6137, 7553, 9552, 9806
Liu, Y. S. 4696
Liu, Y. W. 7288
Liu, Y. X. 2163
Liu, Y. Y. 861
Liu, Y. Z. 2329, 5096, 9418
Liu, Z. 2082, 10175, 10235
Liu, Z. C. 5097
Liu, Z. G. 10868
Liu, Z. Q. 11255
Liu, Z. R. 1606, 1635
Liu, Z. T. 10425
Liu, Z. W. 1314, 11240
Liu, Z. X. 1407
Liu, Z. Y. 1279, 5624, 9109, 11098
Liu, Z. Z. 4546, 5482, 5644
Liu AiGuo 9253
Liu AiMin 9292
Liu Bao 913, 9105, 9304
Liu BaoGang 5097
Liu BaoShen 6719, 7041
Liu BaoYu 7589
Liu BingHua 2151-2152
Liu ChangNong 4627, 10029
Liu ChangZheng 2254
Liu ChunMing 8440
Liu DaJun 413, 4483, 6716, 9114
Liu Dan 10188
Liu DeJin 10419
Liu DengCai 11244, 11256, 11465
Liu DingFu 478, 5177
Liu Dong 3162
Liu DongXu 1404
Liu ErMing 10338, 10341
Liu Fan 1625, 12589
Liu Fang 1437
Liu FangYuan 9863
Liu FaQuan 8214
Liu FuHua 7328
Liu Gang 2326, 9806
Liu Ging 7284
Liu GongShe 1625
Liu GuangYang 2418, 9372
Liu GuiHua 829
Liu GuiYing 2638
Liu GuoFan 10425
Liu GuoHua 5096
Liu GuoQin 3274
Liu GuoZhen 11098
Liu HaiBo 9825
Liu Hong 9284
Liu HongMao 2705
Liu HongWei 6497
Liu HongXian 2329, 3628, 4736, 10750
Liu HongYu 1515
Liu HouLi 1784, 9660, 10772
Liu HuaShan 9118
Liu Hui 12207, 12222
Liu HuiFen 9297
Liu HuiJi 1614, 6117
Liu HuiYu 668
Liu JianHua 2601
Liu JianLin 9894
Liu JianQuan 9844
Liu JianXiu 415
Liu JiHong 1437
Liu JiLin 9209
Liu JiLing 6919
Liu JinBing 1686
Liu JinHai 6352
Liu JinHao 12741
Liu JinLan 9769
Liu JiPing 12152
Liu JiWei 1696
Liu JunFang 12833
Liu JunPu 1698
Liu JunQi 6085
Liu JunShan 10608
Liu JunXiu 6686
Liu KeBin 4547
Liu KeDe 4675
Liu KeJun 6179
Liu KeShun 4026
Liu LiHua 7214
Liu LiJun 8286
Liu MengJun 2727
Liu MingQiang 7328
Liu MingZhi 9515
Liu Pei 9880
Liu PeiYing 2518
Liu PeiZhen 5082
Liu QingChang 10561
Liu QiXin 3117, 9296, 12050
Liu QuaYi 7590
Liu ShaoLong 9821
Liu ShaoMing 2863
Liu ShaoXiang 11226
Liu ShaoYou 840, 10095
Liu Shi 2971
Liu ShiFan 12843
Liu ShiXing 2556
Liu ShiXiong 2537
Liu ShuangYue 12231
Liu ShuE 5102
Liu ShuJuan 467, 8470
Liu ShuLan 4903
Liu ShuZhen 1295
Liu SiHeng 11287
Liu SinYie 12568
Liu SiQing 6910
Liu TaiQing 4696
Liu TongGuang 10619
Liu WanSheng 5163, 12711
Liu Wei 7318
Liu WeiBing 1320
Liu WeiHong 2534
Liu WeiHua 9417
Liu WeiJie 947
Liu WeiKuang 3582
Liu WenGe 1696
Liu WenNuan 4431, 6009
Liu WuDing 12836
Liu Xia 7167
Liu XiangDong 2328, 3597
Liu XiaoBing 9125
Liu XiaoChuang 4698
Liu XiaoDong 6497
Liu XiaoZhong 297
Liu XingLiang 6057
Liu XinZhi 2260
Liu XueMin 1606
Liu Ya 861
Liu Yan 10759
Liu YangQing 664, 1723, 3934
Liu YanZhuo 2329
Liu YaoGuang 52
Liu YiDong 9714, 11135
Liu YiLing 12442
Liu Ying 981
Liu YiQing 7553
Liu YongDong 415
Liu YongQiang 9806
Liu YongQing 6137, 9552
Liu YongSheng 4696
Liu YouBin 8253
Liu YuHong 977
Liu Yule 10544
Liu YuLing 7249
Liu YuMei 2533, 2539, 4959, 7282, 10580
Liu YunZhong 5096
Liu YuWei 7288
Liu YuXia 2163
Liu YuYing 861
Liu YuZhi 9418
Liu ZhanGuo 10868
Liu ZhenYue 11098
Liu ZhiChao 5097
Liu ZhiRong 1606
Liu ZhiWu 11240
Liu ZhiYi 9109
Liu ZhiYong 1279, 5624
Liu ZhongQi 11255
Liu ZhongTang 10425
Liu ZhongZhu 5482
Liu ZongXian 1407
Liu ZongZhen 4546, 5644
Lius, S. 9642-9644
Liutkevičius, G. 11232
Livini, C. 2294
Liza, V. 488
Ljubanović-Ralević, I. 11725
Llaca, V. 481, 5715
Llamas-Gómez, L. 11972
Llanas, E. 3279
Llewellyn, D. J. 9354
LLop, I. 12684
Llorente, B. 5208-5209
Llorente, F. 1344
Lloyd, A. M. 3214
Lloyd, D. G. 5424
Lloyd, J. R. 3757, 4870, 12507
Lo, K. D. 2297
Lo, K. H. 7682
Lo, S. F. 10560
Lo KuoDuhng 2297
Lo Re, L. 172
Lo ShuFung 10560
Loaiza, J. M. 4946, 4953
Loake, G. 9430
Loake, G. J. 6019, 11554
Loarce, Y. 3400
Löbler, M. 191
Lobo, M. 12484
Lobo, M. G. 6227
Lobreau-Callen, D. 5263
Lobréaux, S. 96, 9084
Locatelli, F. 5714
Locci, A. 7902
Lock, A. A. 4519
Locker, K. J. 3032
Lockhart, B. E. L. 883
Lockwood, D. W. 3961
Lockwood, S. K. 9010
Locy, R. D. 7583, 12596
Lodder, S. 3132
Lodeiro, A. 11497
Lodge, G. M. 8194
Lodh, S. B. 8171, 12384
Lodhi, A. 6749
Lodhi, G. P. 1385, 3776
Loenhout, H. E. M. van 10859
Loesch, P. J., Jr. 10198
Loescher, W. H. 9542
Löffler, H. J. M. 3001, 3097, 12014, 13008
Loftus, M. 3132
Logan, H. M. 6643
Logsdon, J. M., Jr. 9549
Logue, S. J. 11321
Logunova, V. V. 7260
Loh, C. S. 8577
Loh, Y. T. 7320, 11644
Loh ChiangShiong 8577
Loh YingTsu 7320, 11644
Lohani, S. N. 6988
Lohar, D. P. 12185
Lohithaswa, H. C. 7067
Lohmer, S. 2256, 6913
Lohner, A. 4408
Lohnes, D. 9391-9392
Lohnes, D. G. 6013, 6022, 9415
Lohrke, S. M. 2429
Loi, A. 10392
Loidl, A. 11333
Loidl, P. 11333
Loiseau, J. 8319
Lokesha, R. 11986
Lokeswari, T. S. 3041
Lokman Hakim 345, 8042
Lőkös Tóth, K. 12224
Lolle, S. J. 12130
Lombardi, J. A. 13022
Lombardini, L. 7503, 11835
Lombardo, G. M. 7899, 7901, 10070
Lombardo, N. 12059
Long, B. G. 6270
Long, C. 9512
Long, D. 77, 4400, 5544
Long, D. H. 8180
Long, J. J. 3641
Long, M. Y. 2460
Long, S. P. 12334
Long, Z. F. 12843
Long BiGuang 6270
Long ManYuan 2460
Long ZhongFu 12843
Longauer, R. 5292
Longer, D. E. 2430
Longhi-Wagner, H. M. 3670, 10368
Longnecker, N. E. 1471
Longo, G. P. M. 4988
Loniello, A. O. 85
Lönneborg, A. 12905
Lonnet, P. 9343
Lonsdale, D. 31
Lonsdale, D. M. 10151-10152
Loo, F. J. van de 2884
Loock, A. 3416

Lookeren Campagne, M. M. van 1785
Lookhart, G. L. 150
Loon, L. C. van 12808
Lopato, S. 5541
Loper, G. 9649
Lopes, A. M. 4744
Lopes, C. A. 2503
Lopes, C. R. 1826, 2770, 6272
Lopes, J. 11826
Lopes, M. A. 3498, 3501, 10236
Lopes, M. S. 10142
Lopes, S. I. G. 10142
Lopes, U. 8937
Lopes, U. V. 8683
Lopes de Souza, C., Jr. 2408
López, A. 1287, 6748
López, A. O. 10199
López, C. 9970
López, E. 3724, 3735
Lopez, F. B. 4881-4882, 11576
Lopez, G. 774
Lopez, I. 266
López, L. 7305
López, M. 6300, 12893
López, M. A. 11748
López, X. 5212
López-Atilano, R. M. 3363
López Báez, O. 10847
Lopez-Bautista, J. 2007, 5481, 8934
López-Benítez, A. 11916-11917
López-Braña, I. 10096
Lopez-Delgado, H. 11133
López-Diaz, I. 8249
López Domínguez, U. R. 3549
López-Gómez, R. 10726
López Herrera, A. 1037
López-Meyer, M. 11061
López-Peralta, C. 4939
López Pereira, M. 4795
López-Sáez, J. F. 8411
Lopez-Upton, J. 8937
Loraine, A. E. 3865
Lorberth, R. 1564
Lord, E. M. 9834, 13010
Lord, J. M. 1106
Lordkaew, S. 7936, 7981
Lorence, D. H. 4438
Lorenz, M. 5223
Lorenzen, J. H. 6080
Lorenzen, L. L. 3705
Lorenzen, M. 9012
Lorenzetti, S. 2390
Lorenzini, G. 8310
Lorenzo, G. de 12094, 12496
Lorenzo, J. C. 798, 9071
Lorenzo, R. di 12705
Lorenzon, M. C. A. 10569
Loreti, F. 7382
Lorieux, M. 3614, 7048, 12364
Lorimer, S. D. 5463
Lorković, Z. J. 9538
Lortie, C. J. 12
Lörz, H. 1262, 6791, 6832, 10025, 10145, 11259
Lot, H. 7302
Lotfali Aeineh, G. 9152
Lothrop, J. E. 3521
Lotito, S. 2660
Lötscher, M. 1463, 11506
Lotys-Prass, C. 6650, 9973
Lou, A. C. 5918
Lou, D. F. 180
Lou, S. Y. 9124
Lou, Y. L. 1972, 3029
Lou DongFang 180
Lou ShaoYuan 9124
Lou YiLong 1972, 3029
Loučka, Z. 12791
Louette, D. 8068
Lough, T. J. 3652
Loughman, R. 1298
Loughrin, J. H. 5086
Louie, R. 4618
Loulakakis, K. A. 770, 2698
Loupassaki, M. 8531
Louw, A. I. 6308
Louwaars, N. 6595
Louwerse, J. D. 4549
Lovati, F. 5121
Lovatt, C. J. 9434
Lovatti, L. 10539
Löve, A. 7086
Love, K. 6633, 9009
Love, R. M. 3944, 10670
Love, S. L. 4917, 10534
Love, S. M. 1456
Loven, K. van 10859
Lovett-Doust, J. 1988
Lovett-Doust, L. 1988
Lovicu, G. 2713
Low, C. B. 10953
Low, C. S. 9896
Low, F. C. 2917, 8763
Low, P. S. 3879
Löw, R. 4100
Lowanshi, R. K. 3123
Lowe, A. J. 1184
Lowe, K. C. 2574, 6099
Lowe, W. J. 11102
Lower, R. L. 2637, 2652, 8455
Loy, J. B. 2617
Lu, A. M. 5402
Lu, B. 7178
Lu, B. C. 7745
Lu, B. R. 4690, 5888-5889, 7051
Lu, C. 3585
Lu, C. F. 2318, 4681, 9310
Lu, C. G. 1657
Lu, C. H. 2418, 9372
Lu, C. S. 8868
Lu, D. B. 9140
Lu, D. H. 10561
Lu, G. H. 1196
Lu, H. J. 7589
Lu, H. R. 4152, 10307, 11914, 12221
Lu, H. S. 10140, 10225, 10805
Lu, H. Y. 12088
Lu, J. 2320, 3608, 3749, 3979, 4666, 4669, 4688, 6167
Lu, J. A. 4712
Lu, J. Y. 9770
Lu, L. 9822
Lu, L. X. 11775
Lu, M. Q. 2217
Lu, M. Z. 2968
Lu, P. 1774, 12812
Lu, P. X. 8937
Lu, P. Z. 5559
Lu, Q. 4427
Lu, R. J. 210, 581, 4550
Lu, S. 11432
Lu, S. B. 10669
Lu, S. W. 3617
Lu, S. Y. 1595, 2169, 3343, 5640
Lu, S. Z. 1705
Lu, T. G. 2143, 4479
Lu, W. 2450
Lu, W. C. 1635
Lu, W. H. 9505
Lu, W. L. 9813
Lu, X. 4554
Lu, X. F. 3590
Lu, X. J. 4740
Lu, X. X. 4350
Lu, Y. 4315, 4694, 6355
Lu, Y. B. 2418, 9372
Lu, Y. G. 2328, 3597
Lu, Y. H. 8639
Lu, Y. M. 362
Lu, Y. P. 12138
Lu, Z. 4115
Lu, Z. J. 6764, 7462
Lu, Z. M. 5892
Lu, Z. Q. 3632, 7057
Lu, Z. S. 2636
Lu, Z. T. 2337
Lu AnMin 5402
Lu BaoRong 5889
Lu BaoRony 5888
Lu Bin 7178
Lu ChaoFu 2318, 4681, 9310
Lu ChunGui 1657
Lu ChunSheng 8868
Lu CuiHua 2418, 9372
Lu DeBin 9140
Lu DiHui 10561
Lu GuiHua 1196
Lu HangJun 7589
Lu HaoRan 4152, 10307, 11914, 12221
Lu HsiuYing 12088
Lu HungShung 10140, 10225, 10805
Lu JiaAn 4712
Lu Jia'an 6167
Lu Jiang 3979
Lu Jun 2320, 3608, 4666
Lu JuYing 9770
Lu Lin 9822
Lu LiuXin 11775
Lu MeiQin 2217
Lu MengZhu 2968
Lu PengXin 8937
Lu PengZhe 5559
Lu Ping 1774, 12812
Lu RuiJu 210, 581, 4550
Lu ShaoYuan 2169, 3343, 5640
Lu Shin 11432
Lu ShiWei 3617
Lu ShuYun 1595
Lu ShuZhen 1705
Lu SuBin 10669
Lu TieGang 2143, 4479
Lu WenHe 9505
Lu WenLiang 9813
Lu XianFu 3590
Lu XianJun 4740
Lu Xiu 4554
Lu Ye 4315
Lu YiMei 362
Lu YongGen 2328, 3597
Lu Yun 6355
Lu YunBo 2418, 9372
Lu YuPing 12138
Lu ZhiQiang 3632, 7057
Lu ZhiShan 2636
Lu ZhongJin 7462
Lu Zhun 4115
Lu ZiTong 2337
Lu ZuoMei 5892
Luan, F. X. 1521
Luan, J. 3576
Luan, P. 11578
Luan, S. 477
Luan, X. Y. 460
Luan, Z. J. 10644
Luan, Z. S. 2525
Luan FengXia 1521
Luan XiaoYan 460
Luan ZhaoShui 2525
Luan ZhoungJie 10644
Lübberstedt, T. 2551, 11349
Lubenow, H. 1170, 4119
Luby, J. J. 9610, 12665
Luca, C. de 3918
Luca, E. 9154
Luca, V. de 4303
Lucarotti, F. 12858
Lucas, H. 6333
Lucas, J. A. 1942
Lucas, M. C. 4145
Lucas, M. O. 7452
Lucas, W. J. 4128, 5564, 11886
Lucca e Braccini, A. de 4861
Lucchesini, M. 2583, 5354
Lucchi, P. 5118
Luce, R. S. 12668-12669
Lucioli, L. 669
Luck, E. 5643
Lucretti, S. 1235
Łuczak, I. 10840-10841
Ludevid, D. 9241
Ludewig, M. 9500
Ludlow, M. M. 3622, 3627, 4630
Ludwig, D. 5952
Ludwig, N. 12155
Ludwig-Müller, J. 3230, 9536
Lue, W. L. 363, 8998, 9186
Lue WeiLing 363, 8998, 9186
Luer, C. A. 3103, 11048
Luethy, M. H. 11640
Lugli, S. 7376-7377, 11688
Lugones, L. G. 7746
Lühs, W. 8557
Luis-Arteaga, M. 2612
Luján, M. C. 10998
Lukashèvich, N. P. 6053
Lukaszewski, A. J. 124, 10044
Lukefhar, M. J. 2903
Lukina, L. A. 4599
Lukow, O. M. 12258
Lullien-Pellerin, V. 7919
Lum, M. 9346
Lumaret, R. 1819
Lumen, B. O. de 12454
Luna, D. 506
Luna, R. 3857
Lunde, C. F. 12614
Lundkvist, K. 10964
Lundqvist, U. 5519
Lunness, P. 1962
Lunyova, N. 7766
Luo, B. S. 9294
Luo, D. 1073
Luo, G. F. 9840
Luo, G. X. 5152
Luo, L. 9893
Luo, L. M. 10341
Luo, L. Y. 4701
Luo, M. 10548
Luo, M. C. 1294, 3348, 6715, 7922
Luo, M. S. 3977
Luo, M. X. 6381
Luo, M. Z. 7237
Luo, P. 1602, 4083, 9666
Luo, R. B. 342
Luo, S. B. 2546, 10628
Luo, S. P. 10238
Luo, W. F. 4850
Luo, X. H. 360, 5876
Luo, X. M. 6670, 10422
Luo, Y. K. 2336
Luo, Y. P. 6171, 9709
Luo, Y. W. 9266
Luo, Z. M. 2340, 6137
Luo BingShan 9294
Luo GuanXing 5152
Luo GuiFen 9840
Luo Lei 9893
Luo LianYuan 4701
Luo LiMin 10341
Luo MangSheng 3977
Luo MeiZhong 7237
Luo MingCheng 1294, 6715, 7922
Luo MingXiong 6381
Luo Peng 9666
Luo RuBi 342
Luo ShaoBo 2546, 10628
Luo ShuPing 10238
Luo XiaoHe 360, 5876
Luo XiMing 6670, 10422
Luo YaoPing 9709
Luo YaoWu 9266
Luo YongPing 6171
Luo YuKun 2336
Luo ZeMin 2340, 6137
Luoma, S. 11959
Lupeĭ, A. Yu. 6760
Lupotto, E. 2210, 6947, 9196
Luque, A. 8028
Lúquez, J. 9135
Lur, H. S. 11440
Lur HuuSheng 11440
Lurin, C. 909
Lurz, R. 396, 4753, 8187
Lüscher, A. 7074
Lush, W. M. 7578
Lusse, J. 8311
Lusser, A. 11333
Luthar, Z. 11452
Luthe, D. S. 2389
Luthra, O. P. 2199, 12240
Luthra, R. 11163
Luthra, Y. P. 11386
Lutts, S. 379-380
Lutyńska, R. 8196
Lutz, S. 5717
Luu Dam Cu 4313
Luxen, P. 9329, 9331
Luxová, M. 301
Luzzi, B. M. 7162, 11545
L'vov, N. P. 4560
Lyall, G. 1997-1998
Lycett, G. W. 4263, 9437
Lyck, R. 9568

Lydén, P. 8038
Lydiate, D. 834, 7437
Lydiate, D. J. 1608, 7438, 7441, 8557, 10769
Lynch, D. R. 7219
Lynch, J. 11558
Lynch, J. P. 5566
Lynch, M. 1224
Lynch, P. T. 4245, 12930
Lynch, R. E. 8610
Lyndon, R. F. 11249
Lyngkjær, M. F. 5685
Lynn, J. R. 824
Lyon, J. E. 11845
Lyons, P. C. 9952
Lyrene, P. M. 3923, 8499, 10681
Lysikov, V. N. 10167, 10169, 10228
Lythgoe, K. A. 10002
Lyznik, L. A. 240
Ma, A. M. 5476
Ma, C. 2141
Ma, C. X. 12260
Ma, C. Z. 5175, 7455
Ma, D. H. 1705
Ma, D. P. 2870-2871
Ma, D. W. 1691, 7328
Ma, F. M. 12466
Ma, F. W. 5094
Ma, F. Y. 2520
Ma, G. R. 9402
Ma, H. 1215, 6656, 7796, 7835, 9035, 9585, 9981, 10093
Ma, H. X. 2694
Ma, J. 4642, 7134
Ma, J. F. 12292
Ma, J. H. 2215, 4556, 5668
Ma, J. K. C. 4380
Ma, J. S. 10991
Ma, J. Z. 3558
Ma, L. H. 10881
Ma, M. 9718
Ma, Q. 2655
Ma, R. J. 5109, 7386, 10687
Ma, R. K. 1295
Ma, S. M. 10434
Ma, S. Q. 10046
Ma, S. Y. 10430
Ma, T. H. 12028
Ma, W. H. 4003
Ma, W. L. 419
Ma, X. J. 6226
Ma, Y. 3039, 5227, 6457, 7666, 12970
Ma, Y. B. 7073
Ma, Y. H. 11867
Ma, Y. Z. 130, 10051
Ma, Z. H. 1299, 1693
Ma, Z. Y. 2576
Ma AiMan 5476
Ma ChaoZhi 7455
Ma Cheng 2141
Ma ChuanXi 12260
Ma DeHua 1705
Ma DeWei 1691, 7328
Ma FengMing 12466
Ma FengWang 5094
Ma FengYue 2520
Ma GuoRui 9402
Ma Hong 1215, 6656, 7796, 7835, 9035, 9585
Ma HongXiang 2694
Ma JianFeng 12292
Ma JianZhong 3558
Ma Jin 7134
Ma JinShuang 10991
Ma JunHu 2215, 4556, 5668
Ma LiHua 10881
Ma Mi 9718
Ma Qing 2655
Ma Rui 4476
Ma RuiJuan 5109, 7386, 10687
Ma RuiKun 1295
Ma ShuMei 10434
Ma ShuYing 10430
Ma SuQin 10046
Ma TeHsiu 12028
Ma WanLi 419
Ma WeiHong 4003
Ma WenJun 6348
Ma XueJun 6226
Ma YaHuai 11867
Ma Yan 3039, 6457
Ma YongZhan 130, 10051
Ma YuBao 7073
Ma ZhanHong 1299
Ma ZhiHua 1693
Ma ZhongYi 2576
Maag, W. 11593, 12540, 12550
Maagd, R. de 6419
Maas, C. 5704
Maas, D. 6078
Maas, J. L. 3970, 8502
Maas, P. J. M. 12039
Maass, H. I. 7263
Maassoumi, A. A. 11514-11515
Maathuis, F. J. M. 70
Mabasa, S. 4637
McAlister, B. G. 1957, 8874
McAllister, K. P. 6009
McArdle, B. 11184
McArthur, E. D. 7751, 8190
Maçãs, B. 6809, 6828, 6866
Macas, J. 1235, 10020
Macaulay, M. 8036
McAuslane, H. J. 475, 2634
McBeath, C. 9795
McBeath, J. H. 11893
McBeath, R. 1036
McCaig, T. N. 7913
McCall, D. 4956
McCall, I. F. 10995
McCarthy, B. C. 4166
McCartney, C. 11042
McCarty, D. R. 239, 248, 294, 1196, 3463, 9201, 10200
McCarty, J. C. 2885
McCarty, J. C., Jr. 8742
McCarty, L. B. 11842
McCarty, M. 3132
McCarty, W. H. 8746
McCaslin, M. 10374
Macchiavelli, L. 2620
Macciola, V. 4071
McClean, P. 4819
McClintock, D. 10996
McClinton, R. S. 9005
McClung, A. M. 10292
McClung, C. R. 2082, 3195, 11172
McClure, B. 8694
McClure, B. A. 915
McCole, L. M. 10860
McCombie, D. 9004
McCombie, H. 10837
McConn, M. 9051
McCormac, A. C. 2842
McCormac, D. 12591
McCormick, S. 2853, 3862, 6136, 11648
McCormick, S. J. 7304
McCouch, S. 8136
McCouch, S. R. 1397, 1403, 1421, 3622, 4746, 5883, 7012, 8141, 10300, 12079, 12404
McCourt, P. 41, 3195
McCown, B. 9605, 12851
McCown, B. H. 3028
McCoy, T. J. 3674
McCreight, J. D. 5064, 8450
McCrohan, C. R. 2203
McCrohan, P. R. 5210
McCubbin, A. G. 1240, 3262, 7687, 9065
McCue, K. A. 3060
McCullough, A. J. 491, 6320
McDaniel, M. E. 4570-4571
McDonald, C. L. 1313
McDonald, D. 450, 7510, 12977
McDonald, G. K. 6795, 10113
McDonald, J. G. 554
McDonald, K. A. 1209, 1218
McDonald, M. B. 4450, 4817, 7654, 10019
MacDonald, M. H. 7134
McDonald, M. W. 10933
McDonnell, R. 11519
MacDougal, J. M. 6231
McDougall, G. J. 9734
McDowell, J. M. 2079, 3197, 5538, 7821, 11191
MacDuff, J. 9328
Macedo, V. R. M. 10142
McElroy, D. 4549, 10101
McElroy, S. M. 4549
McFadden, M. J. 10379
McFarlane, S. A. 12789
McFerson, J. R. 4961, 8418, 12077, 12631
MacFie, H. J. H. 3933
McGarry, A. 547
McGeoch, M. A. 11777
McGhie, T. K. 8670, 10832
McGimpsey, J. A. 1119, 11082
McGlade, J. 5513
McGonigle, B. 1194
McGowen, R. E. 2859-2861
McGranahan, G. 1758
MacGregor, T. 472
Macháčková, I. 1857, 8378
Machado, L. de O. R. 7619
Machado, M. A. 5146
Machado, M. I. L. 4302
Mache, R. 2089, 8972
Macheix, J. J. 8534
Macherel, D. 9440, 12499
Machida, Y. 1853, 11166
Machon, N. 5291, 10680
McIntosh, L. 2845, 9728
McIntosh, M. S. 4816
McIntosh, R. A. 1297, 3361, 5612, 6764
McIntosh, R. L. 2982
McIntyre, C. L. 6958-6959, 6975, 6978, 7536, 8625, 8641-8642
Macintyre, D. 5333
Macintyre, F. 5333
MacIntyre, J. P. 10999
McIntyre, R. K. 12782
Maciver, S. K. 266
Mackay, A. D. 437-438
MacKay, B. R. 6128
Mackay, I. J. 11863, 12839
MacKay, J. J. 11958, 12898
Mackay, W. A. 4225-4226
McKeand, S. 10951
McKeand, S. E. 11964
McKenzie, B. A. 4878
McKenzie, E. 7976
McKenzie, R. I. H. 12258
Mackenzie, S. 12489
McKenzie, S. 12764
Mackenzie, S. A. 2838
MacKenzie, S. L. 11809
McKeon, T. A. 10763
McKeown, A. 530-531
McKeown, K. 9871
McKersie, B. D. 425, 2373, 3149, 3647, 3676, 3680, 7096
Mackevičius, J. 544
McKhann, H. I. 5551, 7103
Mackiewicz, H. O. 3907
Mackill, D. J. 1415, 1421, 2316, 4704
Mačkinaitė, R. 12293-12294
McKinney, E. C. 3197, 5538, 5547, 7821
Macknight, R. 9009
McKnight, T. D. 4372, 7593, 8717
McKone, M. J. 12428
Maćkowiak, W. 6895, 10135
MacKown, C. T. 130, 10051, 10246
McKown, R. 3243, 5567
McLaren, C. G. 13-14, 377, 385, 10737
McLaren, G. 8157
McLaren, G. F. 701
McLaren, N. W. 4622
McLaughlin, C. K. 6060
McLaughlin, S. B. 3554
McLaughlin, S. P. 5265
Maclean, D. 10832
McLean, J. A. 2982
McLean, K. 6779
McLeod, J. G. 3414, 5692, 6803, 6830-6831, 6857, 7913
McLernon, S. M. 1427
McLewin, W. 1959
McMahon, M. 11273
McMahon, P. N. 4816
McMaster, J. R. 12631
McMichael, B. L. 1869
McMillan, I. 4435
McMinn, T. A. 5867, 5875, 5937
McMorris, T. C. 3228
McMullen, M. 5723
McMullen, M. D. 304, 5841, 6950, 9258-9259, 12336
McMullen, M. S. 5600
McMurphy, L. M. 4598
McNabb, W. 4792
MacNair, M. R. 1439
McNally, K. L. 9546
McNamara, S. 9592
McNeil, D. L. 1533, 7182, 8327, 11561, 12511
McNeilage, M. A. 4342, 7400, 11760, 12678-12679
McNeilly, T. 1434, 1445, 3568
McNellis, T. W. 1211
McNicol, J. W. 7018, 8258, 11302
McNicol, R. 11738
McNicol, R. J. 1735, 7393, 12658
McNiven, M. A. 6017
McPeek, M. A. 3195
McPherson, J. 6332
McPherson, M. J. 12157
McPherson, R. 2895
McPherson, R. M. 10441
McQueen, R. E. 11489
McRae, J. 10957
McRae, K. E. 2867
McRae, T. A. 2775, 8623-8624, 8655
MacRitchie, F. 3320, 7976
McRoberts, N. 11406
Macua, J. I. 5016
McVey, D. V. 6699
Madalageri, B. B. 10634
Madan, S. 3339, 3339
Madan Mohan 3584
Madanhire, J. 6311
Madaria, S. K. 3766
Maddaloni, M. 9232
Madden, J. L. 4165
Maddock, S. 12310
Maddock, S. E. 9192
Maddox, V. L. 7088
Maddux, L. D. 3679
Madej, L. 3420
Madej, L. J. 3398
Madera-Torres, P. 3534
Madhavan, S. 8716
Madhdusudhan, K. 11426
Madhu Meeta 12006
Madhuri, G. 3584
Madhusudan, K. 11590
Madhusudhanan, K. 11074
Mádi, R. 7368
Madić, M. 8030
Madie, C. 2132, 3926
Madkour, M. A. 7518
Madon, M. 5189
Madore, M. A. 3350
Madrid, E. A. 8387
Madrid, S. M. 8679
Mądry, W. 759, 2238
Madsen, S. 3656
Mae, T. 11418
Maeda, H. 3619, 5215
Maeda, J. A. 7032
Maekawa, M. 10308
Maekawa, S. 3850-3851
Maës, O. C. 2165
Maesen, L. J. G. van der 11107, 12066
Maessen, G. D. F. 6622
Maestra, B. 7932
Maestri, D. M. 10814
Maestri, E. 9992
Maestrini, C. 7524, 10884
Maffey, L. 9424
Mafla, G. 10556
Magalhães Morais, O. 2492
Magarey, R. C. 8667

Magari, R. 1369, 10259, 11348
Magda, D. 3692
Magdalita, P. M. 805, 12699
Måge, F. 6174
Maggia, L. 11162
Maggini, F. 1897
Maggio, A. 2835, 10852
Maggiore, T. 6884
Maghembe, J. A. 1478
Magherini, R. 1719, 12047
Magill, C. 5856
Magill, C. W. 555
Magill, J. 5856
Magill, J. M. 555
Magini, M. 6697, 6954
Magli, M. 6182
Magliano, T. M. A. 9043
Magnard, J. L. 3509
Magnavaca, R. 281, 3427, 10256
Magnaval, C. 12752
Magnesen, S. 6407
Magnifico, V. 1623
Magnus, E. M. 7977
Magpantay, G. 8132, 8136, 12405
Magro, F. 2395
Magro, P. 7394
Maguire, M. P. 4597, 9061, 9204
Maguire, T. L. 5359, 12925
Magyar, Z. 7097, 9344, 12435
Mahadevappa, M. 3598, 8152-8153, 10319, 12387
Mahadevaswamy, M. 11858
Mahajan, C. R. 3612, 8261, 8276
Mahajan, R. C. 10497, 12521
Mahajan, V. 2278, 8580
Mahal, G. S. 1288
Mahalingam, R. 2437
Mahani, M. C. 1405
Mahanoğlu, G. 702, 711
Mahapatra, B. K. 10511
Mahapatra, D. 10303
Mahapatra, K. C. 8168
Mahapatra, S. S. 11848
Maharaj, W. 2830
Mahaworasilpa, T. L. 11818
Mahendran, S. 8628
Maher, D. 1459
Maherchandani, N. 1859, 6724
Maheshwari, J. J. 9361
Maheshwari, R. V. 3334
Maheshwari, S. K. 640
Maheswaran, M. 334, 4679
Mahgoub, G. M. A. 3490, 6948
Mahmoud, R. M. 12261
Mahomoud, S. K. 3301
Mahon, R. E. 5153
Mahto, J. 8129
Mahto, J. L. 2740, 4055, 8125, 8127, 8590, 8606
Mahto, R. N. 8127, 8606
Mai, J. Z. 7589
Mai JiaZhang 7589
Mai Van Quyen 12457
Maia, J. D. G. 3443
Maich, R. 6844
Maidl, F. X. 3382
Maier, F. J. 6877
Maier, R. M. 3186
Maigre, D. 3976
Maikhuri, R. K. 2027
Maillard, A. 6193, 12656-12657
Maillart, M. 991
Maillet, D. S. 10180
Maillot, M. P. 2836
Maimaiti, A. 5125
Maine, M. J. de 1558, 7224
Maines, M. D. 9022
Mair, V. 7064
Maire, C. 7791
Maisonneuve, B. 7302
Maisonneuve, J. P. 8077
Maiss, E. 922
Maïstrenko, O. I. 123, 133
Maita, R. 3470-3471, 5759
Maiti, D. 381, 389, 8145, 10337
Maiti, I. B. 8685
Maiti, R. 10276
Maiti, R. K. 3549
Maiti, S. 8918
Maity, S. 12732
Maity, T. K. 9572
Maize Genetics Cooperation Newsletter 242-243, 254
Majeed, S. A. A. 3301
Majerus, M. 1142
Majewska-Sawka, A. 5228
Majid, K. 1668, 1815
Majnik, J. de 11338
Major Singh 330, 1552, 2742, 8098, 8275, 8361, 8576
Majumber, N. D. 7022
Majumdar, M. 1877, 2905
Majumder, A. L. 3626
Majumder, N. D. 10302
Mak, C. 6214
Mak, Y. M. 6098
Makaroff, C. A. 3824, 7830
Makarova, R. V. 1857, 5247
Makhlouf, J. 1661
Makhwaje, E. 4625
Maki, H. 8393
Maki, M. 3058
Mäkinen, H. 6403, 10960
Makino, A. 11418
Makishima, T. 8140, 9965
Makne, V. G. 3773, 5850
Makogon, A. M. 2514
Makumbi, D. 6213
Mal, B. 4448
Malá, J. 9793
Malaguido, A. B. 3718
Malaker, P. K. 3362
Malakhova, L. A. 4948
Malamy, J. 1861
Malan, F. S. 1881
Malanseuns Pleasure Plants 3049
Malatesta, M. 1622
Malati Majumdar 1877
Malavika Dadlani 4140
Malavolta, E. 318
Malboobi, M. A. 9045
Maldiney, R. 1778
Maldonado, J. M. 109, 2129, 5520
Maldonado-Mendoza, I. E. 5453
Maleck, K. 9993
Maleike, R. 1721
Malek, M. A. 9360
Malepszy, S. 3907, 7342, 10131, 11662
Malheiros, E. B. 3499
Malhi, N. S. 1351, 2282, 11330
Malhó, R. 4260
Malhotra, R. S. 7191
Malhotra, S. D. 6570
Mali, P. C. 8364
Maliepaard, C. 7362
Maliga, P. 2833, 11882
Malik, B. A. 1546, 4875
Malik, I. A. 1572
Malik, K. 2504
Malik, K. A. 5256, 10369
Malik, S. K. 3755
Malik, S. S. 8289
Malik, T. 12513
Malik, V. S. 1782
Malik, Y. S. 12619
Malitz, J. 3145
Malkhandale, J. D. 2741
Malkiat Singh 5846
Malleshappa, C. 333
Mallikarjunappa, S. 10519
Malmberg, R. L. 8700
Maloney, C. L. 9740
Maloo, S. R. 3560, 8612
Malosse, C. 10843
Malossini, U. 8513
Maloupa, E. 5024
Malpica, J. M. 1283
Malthane, G. B. 2304
Maltoni, A. 6400
Maltoni, M. L. 5123-5124
Maluf, A. M. 6391
Maluf, M. P. 9208, 12321
Maluf, W. R. 617-618, 2592, 3818, 6147, 8454, 11655
Maluszyńska, J. 67
Maluszynski, M. 8019, 10103
Malvar, R. A. 1349, 4593
Malvolti, M. E. 812
Malyshev, S. 12300
Mamaev, S. A. 6584
Mameli, L. 172, 7902
Mamet, L. D. 870, 12784
Mammooty, K. P. 1761
Mamood, A. N. 5205
Mamoun, M. 11100
Mamta Gautam 206
Man, A. L. 9078, 9504
Man, W. Q. 460
Man WeiQun 460
Manager Singh 10834
Manake, B. S. 6733
Manalo, J. R. 5809
Manalo, P. A. 3620
Manandhar, G. 3314
Mancini Filho, J. 7195
Mandaci, S. 12436
Mandal, A. 4424
Mandal, A. B. 1286, 11428
Mandal, A. K. 2954, 5301, 10932
Mandal, B. B. 10566
Mandal, G. 3914
Mandal, N. 1493, 1877, 2348, 2905, 8976
Mandal, P. K. 1874
Mandal, S. 6547
Mandal, S. K. 9572
Mandala, D. 6051
Mandaokar, A. D. 502
Mandel, T. 4111
Mandolino, G. 2813, 2910, 5269, 7612, 8367, 12671
Maneephong, C. 2322
Manera, G. A. 11264
Manero de Zumetzú, D. 6844
Maness, N. 5813
Manfredi, E. 9999
Manfredi, E. E. A. 4784
Manfredi, P. 12597, 12644
Mang, K. 5708
Mang, K. Q. 969
Mang, S. D. 5077
Mang KeQiang 969
Manga, V. K. 2310, 5299
Mangal, J. L. 6112
Manganaris, A. G. 12645
Mangat, B. K. 2306, 11392
Mangat, N. S. 10482
Mangin, B. 5034, 5575, 6660
Manginot, C. 10703
Manglik, P. 9390
Mangombe, N. 4457, 4459, 4629, 4632, 4646
Mangush, P. A. 2291-2292
Mani, M. T. 325
Mani, N. 11813
Mani, S. C. 9290, 12383
Mani, V. P. 8093, 12323, 12498
Manica, I. 9645, 10747
Manicacci, D. 1102
Manickam, A. 3541
Manimuthu, L. 3122
Maninder Singh 1351, 11330
Manjarrez-Sandoval, P. 11526
Manjaya, J. G. 5638
Manjayya, J. G. 10492
Manjunath, S. 5827
Mankin, S. L. 11164
Man'ko, A. E. 2514
Mann, D. K. 7751
Mann, M. S. 1284-1285
Mannerlöf, M. 7800, 8681
Manners, J. M. 3651, 5572, 6241
Mannervik, B. 6627
Manninen, O. 8017
Manning, S. 11321
Mannonen, L. 203
Mano, S. 6160
Mano, Y. 1331, 10119
Manocha, V. P. 6594
Manoharan, V. 4074-4075, 6284, 7517
Manonmani, S. 5909
Manousaridou, M. 633
Manrique, G. A. 9929
Manrique Chávez, A. 3458, 3528
Mansat, P. 7070-7071
Mansfield, J. 7785
Mansfield, J. W. 7301
Manshardt, R. 9643-9644
Manshardt, R. M. 4009, 9642, 10753, 10938
Manson, D. 6473, 6487
Manson, D. G. 12007
Mansour, A. N. 621
Mansur, E. 9686
Mansur, L. M. 2421
Mantell, S. H. 1596
Manteuffel, R. 8293
Manthe, C. S. 5487
Mantinger, H. 7357, 11668
Mantovani, G. 4095
Mäntylä, E. 4424-4426
Manuel, S. A. 4613
Manuelyan, Kh. 574, 647
Manyam, D. S. 7028
Manzanares, M. J. 1634
Manzanera, A. 12866
Manzanera, J. A. 9783
Manzara, T. 595
Manzocchi, L. A. 5714, 5762
Mao, D. R. 467, 8470
Mao, J. L. 356
Mao, L. 9106
Mao, N. 5835
Mao, P. 3343, 5640
Mao, Z. S. 10802
Mao, Z. X. 7606
Mao DaRu 467, 8470
Mao JianLei 356
Mao Pei 3343, 5640
Mao ZhengXuan 7606
Mao ZuShun 10802
Maquet, A. 10453
Mar Albà, M. 4360
Marais, A. S. 2198, 12276
Marais, E. M. 3025, 5409-5410
Marais, F. 6810
Marais, G. F. 2198, 12276
Marambio G., M. E. 2182
Marangoni, B. 2673
Marattukalam, J. G. 2919
Marawar, M. W. 932
Marbach, J. 8690
Marc, P. 10671
Marcellán, O. N. 1641, 3848
March, G. 5831
Marchais, L. 5861, 8956
Marchant, R. 1942
Marche, C. 8319
Marchenko, A. O. 2112
Marchesi, E. 5414
Marchetti, M. A. 7008
Marchetti, S. 12284
Marchfelder, A. 1188, 3184
Marchi, M. M. 3670
Marchoux, G. 6131, 8448
Marcial, L. 4553
Marciniak, K. 6837
Marcinkowska, J. Z. 10472
Marcker, K. A. 3686, 6305
Marco, S. de 8367
Marcolongo, R. 8695
Marconi, E. 9136, 9493
Marcotte, L. 4429
Marcucci, R. 9528
Marden, M. C. 6321
Maréchal-Drouard, L. 103, 2086, 4116, 8372
Maredia, M. K. 116
Marek, L. F. 2434
Marfo, K. O. 11581
Margherita, B. 4279
Margina, A. 9892
Margiotta, B. 4474
Margossian, L. 2094
Marhold, K. 4332
Maria, R. S. 6843
Mariam, A. L. 1405
Mariamma, M. 513
Mariani, A. 2396, 3648, 5975
Mariani, B. M. 10036
Mariani, C. 2840
Mariani, P. 2558
Maribona, R. 1835

Marie-Claire, C. 9875
Marienfeld, J. 7828
Marienfeld, J. R. 9002, 9959
Mariette, S. 10680
Marilleau, R. 8566
Marillia, E. F. 215
Marillonnet, S. 11352
Marimuthu, R. 5865, 10268
Marin, A. 3243
Marin, E. 6148, 9559
Marín, M. 8347
Marin-Morales, M. A. 7548
Marín R., C. 3504
Marin V., A. M. 10950
Marinelli, B. 11177
Marino, A. 2911
Marinova, E. 273, 5649
Marion-Poll, A. 6148, 9559
Mariotti, D. 12047
Mariotti, J. A. 10827
Mark, G. 11083
Mark, G. L. 8507
Markham, J. E. 7434
Markham, K. R. 2410, 11024, 12007, 12021
Markhand, G. S. 1338
Markley, N. A. 12720
Markocic, M. 12663
Marks, M. D. 11183, 12145
Márkus, F. 626
Markussen, T. 7362
Märländer, B. 1842, 4103
Marle, N. van 3798
Marmiroli, N. 2210, 9992
Marocco, A. 9221
Marois, E. 5057
Maroofi, A. 8467
Marotti, M. 11080
Marpeau, A. 991, 5312
Marquard, R. 11069
Marquard, R. D. 12919
Marque, C. 9734
Marques, O. G., Jr. 11924
Marquez-Garcia, M. I. 963
Marquez-Ortiz, J. J. 4790
Márquez Sánchez, F. 4351, 5576
Marquis-Mention, M. 1852
Marr, D. L. 12472
Marranci, M. 4073, 12760
Marrison, J. L. 2078, 3321
Marrocco, F. 714
Marrocco, R. 1897
Marrocos, P. C. L. 11788
Marrs, K. A. 9219, 9252
Marschewski, D. E. 11004
Marschke, R. J. 8023
Marschner, H. 154-155, 2575, 3491, 4506
Marshall, A. 11505
Marshall, A. H. 408, 12444
Marshall, B. 11805
Marshall, D. F. 1610, 6664, 7500
Marshall, D. L. 4941, 9693
Marshall, J. 536
Marshall, J. A. 2574, 10595
Marshall, J. K. 10904
Marshall, J. S. 5404
Marshall, L. 12310
Marshall, M. 5176
Marsilio, V. 857, 11831
Marsolais, A. A. 6435
Martel, E. 325, 6989
Martelli, G. P. 6131
Martelli, S. 7376-7377, 7904
Martens, M. H. 12668-12669
Mårtensson, A. M. 4872
Marthe, F. 1315
Martienssen, R. 6941, 9004, 10207, 12092
Martienssen, R. A. 12063
Martín, A. 4464, 4568, 6684, 6836
Martin, B. 3507
Martin, B. M. 2916
Martin, C. 536, 1071, 1177, 1964, 5532, 7051, 8856
Martin, C. R. 152
Martin, D. J. 7825
Martin, D. N. 3751
Martin, G. 11644
Martin, G. B. 3879, 5039, 7320, 10604
Martín, I. 2416
Martin, J. 2989, 6158
Martín, J. A. 1287, 6748
Martín, L. M. 4568, 6687, 8010, 12210
Martín, M. 9970
Martin, M. 4400, 5544
Martin, P. K. 6711, 6888
Martin, R. 1316, 5598, 6667, 8975, 10028
Martin, R. A. 8027
Martin, R. C. 12485
Martin, R. H. 10065
Martin, R. R. 22
Martin, T. 4910
Martin, T. J. 11267
Martin, W. 100, 3842-3844, 10009
Martin, W. F. 11214
Martin-Canadell, A. 7566
Martín-Carratalá, M. L. 6233
Martín-Sánchez, J. A. 10096
Martin-Tanguy, J. 2844, 12814
Martinelli, L. 8512, 12671
Martinelli, N. 857, 11831
Martínez, A. 480, 1233, 10701
Martínez, B. F. 288-289
Martínez, C. 8010
Martínez, C. P. 2349, 9312
Martínez, E. 8540
Martínez, G. 3472
Martínez, H. E. P. 4861
Martinez, I. 4242, 6911
Martinez, J. P. 10399
Martínez, M. 1345, 2111, 2828, 3312, 4108
Martínez, M. C. 10702
Martínez, O. 3190
Martínez, P. 9970
Martínez, R. O. 2309, 5862
Martínez-Araque, C. 6684
Martínez-Barajas, E. 10197, 11640
Martínez-Bernal, A. 10945
Martínez-García, J. F. 1964
Martínez-García, M. 1198
Martínez Garza, A. 3428
Martínez Gómez, F. 9929
Martínez-Gómez, P. 10673
Martínez-Heredia, D. 2856
Martínez-Izquierdo, J. A. 2077, 10107, 11335
Martinez-Laborda, A. 3208, 7839
Martínez-Madrid, M. C. 603
Martínez Ortega, C. 11033
Martínez R., C. P. 4730
Martínez Zambrano, G. 3477
Martini, N. 7520
Martinić-Jerčić, Z. 5691
Martino, E. de 726
Martino, R. L. 5493
Martinovich, L. 571, 7266
Martins, A. 11826
Martins, A. L. M. 1420, 9639
Martins, A. M. 10450
Martins, E. P. 12180
Martins, G. A. K. 4955
Martins, R. A. 11886
Martins Filho, S. 7123
Márton, L. 12137, 12811
Mártonfi, P. 1986, 8908, 8915, 12043
Mártonfiová, L. 12043
Martura, T. 2392
Marty, P. 9510
Martynov, S. P. 3338
Martz, F. 2836
Maruta, I. 9651
Maruta, Y. 5406
Maruthi, V. 2759
Maruyama, E. 7636, 12887
Maruyama, K. 4723, 10301
Marwaha, K. K. 2301, 5839-5840
Marx, G. 6522
Mary, C. 6615
Mary, R. J. 12774
Marzachi, C. 2599
Marzi, L. 4073
Marzi, V. 8545, 8552
Marziani Longo, G. P. 4986
Marzullo, L. 9902
Masabni, J. G. 3921
Masajo, T. M. 4747
Masaki, I. 6700
Masawe, P. A. L. 4020
Mascarenhas, A. F. 13050
Mascarenhas, H. A. A. 468, 7871
Mascarenhas, J. P. 3160, 8083
Maschinski, J. 7116
Maschka, R. 3419
Masci, S. 3320, 4502
Masel, N. P. 10832
Masgrau, C. 6801, 12104
Masheva, S. 6121
Mashingaidze, A. 6313
Maslin, B. 12884
Maslin, B. R. 2952, 10933
Maslova, V. A. 11669
Masojć, P. 1347
Mason, H. S. 2490, 9952
Mason, M. G. 8529
Mason, S. C. 5854
Mason-Gamer, R. J. 7852, 7875
Masoud, S. A. 424
Massa, A. 11481
Massie, I. H. 1619
Massola, N. S., Jr. 1418
Masson, F. 1852
Masson, P. 10381
Masson, P. H. 2103
Mastebroek, H. D. 12777
Mastrapa Velázquez, E. 10724
Mastro, G. de 8550, 10781
Masucci, J. D. 1212, 12144
Masuda, H. 1587
Masuda, K. 1639
Masuda, M. 3058
Masuda, T. 3904, 5092, 11530, 11680
Masuelli, R. W. 8374
Masumura, T. 7011, 8134
Masuthon, S. 2355
Matanyaire, C. M 4649
Mateikienė, I. 3966
Mateman, A. C. 7718
Matencio, F. 2275
Materazzi, A. 734
Matern, U. 6546
Matharoo, A. K. 12799
Máthé, Á. 709, 11717-11718
Mather, D. E. 2233, 2284, 5834, 8097, 9168, 12324
Mathesius, U. 432, 8233
Matheson, A. C. 12891
Mathew, B. 1080, 1959
Mathew, M. M. 7255
Mathew, T. 2790
Mathews, S. 9982
Mathias, R. J. 4037
Mathieu, C. 4116
Mathieu, F. 10843
Mathur, A. K. 4298, 4300
Mathur, H. C. 9157
Mathur, J. 5596
Mathur, K. 2587
Mathur, M. L. 6069
Mathur, R. 850, 6069, 6256
Mathur, V. L. 11072
Matias, D. D. 1777
Matišić, S. 9248
Matkowski, A. 5135
Matoba, T. 12471
Matok, H. 10097
Matoušek, J. 4318-4319
Matozzo, G. 7903
Matringe, M. 11609
Matsson, R. 11990
Matsubara, N. 10522
Matsubara, S. 1984, 7298, 7329
Matsubara, Y. I. 660
Matsuda, H. 7820
Matsuda, N. 3215
Matsuda, S. 9906
Matsuda, T. 341, 352, 2313, 3583, 7015, 8134, 8154, 11419
Matsuda, Y. 9175, 10570, 12283, 12827
Matsue, Y. 7044
Matsui, M. 7840, 10583
Matsuki, J. 144, 10063
Matsukura, U. 11417
Matsumoto, H. 12292
Matsumoto, K. 9651
Matsumoto, M. 1684, 9904
Matsumoto, S. 4243, 8131, 9823
Matsumoto, T. 3133, 8857, 12368
Matsumura, T. 10546, 12320
Matsunaga, E. 7722, 9949
Matsunaga, H. 2594, 2607
Matsunaga, K. 8130
Matsunaga, S. 2703, 11020
Matsuo, K. 9856
Matsuoka, K. 1853
Matsuoka, M. 2334, 3169, 9741, 11418, 11877
Matsuoka, Y. 5613, 5949
Matsushita, M. 4043
Matsushita, S. 2823
Matsuura, M. 2424
Matsuura, S. 1709, 2650
Matsuura, Y. 78
Matsuura-Endo, C. 1098
Matsuyama, T. 2717
Matsuzaki, T. 1020
Matsuzawa, Y. 3836, 4940, 7250
Matsuzoe, N. 5014
Matta, A. 12093
Matta, F. B. 6178
Mattar, C. 12409
Matthew, K. M. 1113
Matthews, B. 9015
Matthews, B. F. 6008, 7134, 8265
Matthews, D. 8373, 12956
Matthews, D. E. 12116
Matthews, M. R. 4284
Matthews, P. 8139, 12503
Matthews, P. R. 11305
Matthews, R. B. 377
Matthysse, A. G. 7809
Mattiesch, L. 4244, 12954
Mattila, A. 11170
Mattoo, A. K. 1206
Mattos, T. 2312
Mattson, W. J. 2929
Mattsson, J. 3222
Mattsson, O. 1529
Mattusch, P. 614
Matus, A. 5635
Matus, I. 10693
Matušinská, I. 6558
Matveenko, S. N. 6875
Matvejeva, J. 5806, 6140, 6151
Matvienko, M. 11880
Matyar, D. 792
Mátyás, C. 1878
Matz, E. C. 250
Matziris, D. I. 5310
Matzk, F. 3326, 10045
Matzke, A. J. M. 1192
Matzke, M. A. 1192
Mauch, C. R. 12632
Mauch-Mani, B. 11194
Maugenest, S. 6911
Maugeri, M. M. 8669
Maughan, P. J. 5674, 8143
Maula, F. 8463
Maurel, C. 909
Maurer, W. D. 976, 998
Maurin, N. 4527
Mauro, A. di 12597
Mauro, M. L. 6329, 9716
Maury, P. 854
Maurya, I. B. 9586
Maurya, K. N. 7478
Mavituna, F. 5054, 5056
Mavrič, I. 10533
Mavromatis, A. 6035
Mawardi, S. 4109
Maxeñ, J. S. 7645
Maxim, P. 8031

Maxted, N. 1157, 4452, 6579-6581, 6589-6590, 7758, 7761, 7767
Maxwell, D. L. 10923
Maxwell, D. P. 10373
May, C. 9582
May, G. D. 9952
May, M. 2091
May, O. L. 2862, 7588, 8708, 8734, 8737, 10871
May, R. A. 4994
May-Marquardt, P. 5311, 7641
Mayama, S. 5497
Mayee, C. D. 11822
Mayer, J. 10554, 11375
Mayer, R. 3240
Mayer, U. 1214, 4401
Mayerhofer, R. 10776
Mayes, S. 7500
Maynard Smith, J. 5513
Mayne, M. B. 1901, 11965
Maze, J. 1465
Mazer, S. J. 5291
Mazhangara, E. P. 4454
Mazier, M. 12828, 12838
Maziere, Y. 12953
Mázik-Tőkei, K. 12179, 12224, 12425
Maznevska, S. 7960
Mazza, G. 842, 7065, 10782
Mazza, L. 7892, 7910
Mazzara, M. 3972
Mazzella, M. A. 9043
Mazzieri, G. 7894, 7909
Mazzinelli, G. 4586
Mazzocchetti, A. 7906
Mazzolini, L. 3229
Mazzucato, A. 1428
Mazzurco, M. 1777
Mbanaso, E. N. A. 3820
Mead, R. 11863
Meagher, M. D. 993, 1005
Meagher, R. B. 61, 2079, 3197, 5538, 5547, 7821
Meagher, R. L., Jr. 7599
Meagher, T. R. 6383
Meberg, K. R. 5085
Mebrahtu, T. 10427
Medenbach de Rooy, J. M. van 11107
Medford, J. 11009
Medford, J. I. 3024, 11173
Medhane, N. S. 7540
Medina, F. 8347
Medina-Arevalo, C. 7305
Medina-Escobar, N. 12666
Medina Filho, H. P. 7554
Meehan, L. 5546
Meehl, J. B. 3323
Meeks-Wagner, D. R. 74, 3237
Meeley, R. B. 3465, 11339
Meena, S. 5886
Meena Bakshi 11933
Meenakshi Srinivas 4311
Meer, I. M. van der 11601
Meer, J. G. van der 1312
Meer, J. P. van der 8935
Meera, I. 11439
Meerow, A. W. 1031, 6496
Meesters, P. 761
Meeta, M. 12006
Megahed, M. 6777-6778
Meghji, M. 9257
Meglic, V. 1707-1708, 8450, 8457
Mehan, V. K. 7510
Mehandjiev, A. 11565
Mehdy, M. C. 2039
Mehetre, S. S. 3612, 3706, 8261, 8276
Mehigh, R. J. 12310
Mehla, I. S. 3767, 6070
Mehlenbacher, S. A. 6239, 7431
Mehndiratta, P. D. 2426, 11456
Mehra, R. 12619
Mehra, R. B. 7118, 8247, 9362, 10395
Mehta, S. L. 206
Mehta, U. C. 7447
Mehta, V. R. 885, 2793
Mehtre, S. P. 9264
Mei, C. S. 8149
Mei, Q. M. 10306
Mei, X. C. 5087
Mei, Z. 182
Mei ChuanSheng 8149
Mei QiMing 10306
Mei XianCai 5087
Mei Zi 182
Meier, I. 3861, 12598
Meijer, A. H. 5883
Meijer, E. de 2908
Meijer, H. 3095, 3097
Meijer, J. 5195
Meijer, L. 11884
Meilan, R. 12872
Meinke, D. 9004, 12129
Meinke, H. 854
Meins, F., Jr. 927, 6609
Meinzer, F. C. 11853
Meisel, L. 1217
Meissner, K. 5951
Meissner, R. 6635
Meister, A. 2093
Meixner, M. 6641, 9352
Mejias, A. 10096
Melake-Berhan, A. 321, 3455, 3550, 5855
Melchinger, A. 10264
Melchinger, A. E. 2288, 4846, 6892, 10447, 11349
Melchior, G. 11945
Melchiorre, P. 8067
Meléndez-Ackerman, E. J. 7681, 12990
Melero-Vara, J. M. 2763
Meletti, P. 10043
Melí, R. 12705
Melía-Hancock, S. 1357
Melikova, A. D. 4523
Mello, A. 6557
Mello-Sampayo, T. 6847
Melnikova, E. V. 4161
Melo, F. I. O. 2877
Melo, P. E. de 2503
Melo Andrade, P. J. 308
Melo Filho, P. de A. 10811
Melo-Oliveira, R. 9044
Melón, S. 9223
Melotti, M. 7892
Melotto, M. 4865
Melz, G. 3402, 4515, 4561, 5643
Memelink, J. 3211, 8909, 9000
Memon, M. I. 2886-2887, 11905
Mena, M. 3465, 8037
Ménanteau, V. 10234
Menassa, R. 7456, 9659
Mendaçolli, S. L. J. 10935
Mendel, R. R. 192, 10100
Mendel, Z. 987
Mendes, B. 6885
Mendes, B. M. J. 5214, 5400, 8523
Mendes, O. 7747, 8689
Méndez, N. 3738
Méndez-Rodríguez, A. 2381
Mendlinger, S. 216
Menéndez-Yuffá, A. 11871
Meneses, I. 2008, 5479
Menezes, M. 3901
Meng, G. Y. 7287
Meng, H. W. 2653
Meng, J. L. 7446, 7482
Meng, X. D. 9585
Meng, X. Z. 3609
Meng, Y. L. 6536
Meng GuangYun 7287
Meng HuanWen 2653
Meng JinLing 7446, 7482
Meng XiangDong 9585
Meng XiangZhen 3609
Meng YuLing 6536
Mengesha, M. H. 1384
Menghini, A. 7733, 8911
Menkir, A. 321, 3550, 5855, 9262
Mennella, G. 1623, 12616
Mennes, A. M. 1856
Menon, U. 12247
Menossi, M. 2077, 10107, 11335
Menozzi, P. 967, 1009, 10910, 11931
Mensuali-Sodi, A. 5354
Mente, E. M. 2918
Menten, J. O. M. 7415
Menz R., M. 3514
Meotto, F. 6557
Meraviglia, G. 3221
Mercer, C. F. 1469, 5990, 11507
Mercer, P. C. 843
Mercier, L. 5203, 11778
Mercuri, A. 3061, 3092-3093
Merdinoglu, D. 5230
Meredith, C. P. 526
Meredith, M. R. 10350
Meredith, W. R., Jr. 2891, 8707
Merege, W. H. 6943
Mergeai, G. 6043, 8726, 11903
Mergoum, M. 7982, 7994
Meriggi, P. 2816
Merkelbach, S. 3793
Merker, A. 7930, 8386, 11239
Merkle, S. A. 2996, 3148, 10939
Merkle, T. 4399
Merkulov, L. 7952
Merlot, S. 9027, 12192
Merola, G. 7904
Meromi, G. 4891
Mérot, B. 6321
Merrett, M. J. 11500
Merrien, A. 7477, 7485
Merritt, C. 5524
Merryweather, A. 6096
Mertens, M. 1919
Mertia, R. S. 8118
Merwe, A. M. van der 11004
Mes, T. H. M. 1983, 7708, 12582
Mesa, M. E. 2562
Mesbah, M. 8671
Mescht, A. van der 9563
Mesén, F. 1030
Mesén, J. F. 2953
Meshi, T. 6702, 7920, 10042
Meshram, J. H. 2433
Meshram, L. D. 630, 932
Meškauskienė, R. 11879
Meskiene, I. 7104
Meško, P. 8381
Mesnage, S. 8228
Messéan, A. 25
Messeguer, R. 4360
Messens, E. 3223
Messerli, M. 11036
Messing, J. 1356, 5715, 5793
Meste, M. 10381
Mesterházy, Á. 2192, 4537
Mestre, P. F. 7420
Mestres, C. 2275
Mészáros, K. 8026, 11316
Mészáros, S. 4268
Mészáros, T. 7097, 9344
Metakovsky, E. V. 7975, 10060
Metcalf, H. 4217
Metcalfe, D. D. 4375
Metchnik, B. 6441
Metlitskaya, E. N. 7121
Métraux, J. P. 1865, 5572, 10339, 11194
Mettler, I. 10210
Metz, A. M. 5610
Metz, H. 11207
Metz, P. L. J. 7439, 12722
Metz, T. D. 1609
Metzing, D. 6524
Metzlaff, M. 5413
Meulen-Muisers, J. J. M. van der 6500
Meurer, J. 66
Meuser, F. 12506
Meuwly, P. 1865
Mew, T. 8136
Mexzon, R. 8541
Meya, G. 3863
Meyer, B. 3891
Meyer, C. 8687
Meyer, D. 12264
Meyer, H. M. 3326
Meyer, K. 46, 8990
Meyer, R. 8368, 9601
Meyer, R. D. 10620
Meyer, T. 12310
Meyer, Y. 12899
Meyermans, H. 12874
Meyerowitz, E. 7838
Meyerowitz, E. M. 1219, 5544, 5584, 6611, 7834, 9007, 11174, 12124
Meynard, J. M. 3318, 10047
Meynet, J. 12958
Meyuhas, O. 9112
Mezei, S. 2821, 6304, 12796
Mezzetti, B. 11740
Mhameed, S. 4005, 5154
Mhase, L. B. 9451-9452
Mhiri, C. 6333
Mi, J. 5708, 9195
Mi, K. X. 10561
Mi KaiXia 10561
Mia, M. F. U. 5178
Miacola, C. 11650
Miah, M. A. A. 2358
Miah, M. N. H. 7031
Miah, S. A. 5938
Mian, I. H. 590
Mian, M. A. K. 4943, 12574
Mian, M. A. R. 1499, 2432, 3709, 6032, 7142, 11546
Mian, M. Y. 2722
Miao, B. H. 3701, 4841
Miao, F. H. 5257
Miao, S. H. 10231
Miao, Z. H. 4120, 9967
Miao FuHong 5257
Miao ZhongHe 4120, 9967
Miazga, D. 1347, 6728, 6879
Miazzi, M. 2702
Micanovic, D. 12267
Miccolis, V. 2560, 7307
Michael, A. 12503
Michael, A. J. 6635
Michaels, H. J. 7664
Michaelson-Yeates, T. P. T. 11505, 12444
Michailides, T. 4329
Michalak, A. 6092
Michalak, K. 11630
Michalak, M. 10189, 11623
Michalek, W. 12285
Michalowski, S. 1850
Michaud, J. 10551
Michaud-Ferrière, N. 1378
Michaux-Ferrière, N. 897, 5234, 8773
Michel, B. 3874
Michel, V. 12419
Michelena, A. 1287, 6748
Michelesi, J. C. 10646
Michelet, B. 4406
Micheli, M. R. 13061
Michelis, M. I. de 12154
Michell, A. J. 12859
Michelmore, R. 3847, 5530
Michelmore, R. W. 5040, 7299
Michelozzi, M. 996, 2984, 11966
Mičieta, K. 11547
Micuţ, G. 8101
Miczyński, K. 8437
Middleton, D. J. 11066
Midland, S. L. 3716
Miedaner, T. 3406, 3416, 3421, 3423, 4331, 4583, 8061, 11231
Miętkiewski, R. 10136
Migge, A. 3863, 12135, 12816
Miginiac, E. 6058
Miglioranza, E. 11556
Migné, C. 2836
Mignouna, H. D. 8403
Mihai, T. 311
Mihailov, M. E. 10203
Mihajlija, D. 2160
Mihaljčević, M. 2025
Mihm, J. A. 2288, 8104
Mihoková, L. 1986
Mihovilovich, C. E. 12553

Mii, M. 9828, 9852, 11026, 11753
Mijnsbrugge, K. vander 6374
Míka, V. 12734
Mikami, T. 5222, 9316
Mikhael, R. H. G. 1581
Mikhaĭlova, E. I. 3405
Mikhailova, L. 10092
Mikheenko, I. P. 10958
Miki, B. L. 12723
Miki, E. 4315
Mikkelsen, J. D. 6609, 6797, . 8679
Mikkelsen, T. R. 1766, 1770, 4035
Miklas, P. 4864
Miklas, P. N. 2451, 3741, 11559
Miklashevichs, E. 12190
Mikoláš, V. 11682
Mikolčič, K. 12307
Mikuła, A. 8851
Mikula, B. C. 5780, 10223
Mikulski, W. 6840, 8202
Milach, S. C. K. 7804
Milani, N. 2700
Milbourne, D. 8368
Milczak, H. 2239
Milenković, S. 11696, 11737
Miles, J. 112
Miles, J. W. 5994
Miletić, R. 6188, 6237
Mileva, M. M. 5373
Milián, M. 4895-4896
Milić, M. 2814
Milicevic F., X. 2181
Milijić, S. 2200
Miłkowska, L. 4904
Millam, S. 5519, 8373, 11845, 12659
Millan, T. 12961, 12966
Millar, A. A. 11171
Millar, A. H. 11523
Millar, A. J. 3237, 5556, 12151
Mille, B. 11286
Miller, A. J. 11185
Miller, A. R. 765
Miller, C. 4144, 9034
Miller, D. 12065
Miller, D. D. 4343, 6499
Miller, D. M. 1039, 9808
Miller, F. R. 3534, 9265, 11377
Miller, G. 4343
Miller, H. I. 12120
Miller, H. L. 5690
Miller, J. D. 875, 877, 2796, 7914, 9698
Miller, J. E. 10376
Miller, J. F. 6255, 7870, 8592
Miller, J. T. 10540
Miller, L. 4922
Miller, M. 9191
Miller, M. A. 10953
Miller, N. 4482
Miller, P. R. 4802
Miller, P. W. 60
Miller, R. L. 1491
Miller, R. M. 12007
Miller, T. E. 1276, 4475, 5641, 8121, 10033
Millet, B. 5284
Millhollon, E. P. 4145
Milligan, B. G. 4256, 6621, 7851
Millner, P. A. 6639
Mills, D. 5497
Mills, J. A. 3925
Milošević, M. 1808, 2070
Miloud, M. N. 6823
Milovanović, M. 2160, 2225, 2814
Milutinović, D. M. 6205
Milutinović, M. 11725
Milyaeva, E. L. 11750
Milyutin, L. I. 4209
Mimoto, M. 9989
Mimura, K. 3133
Min, B. H. 562
Min, B. W. 6474
Min, G. G. 8927
Min, H. S. 10340
Min, S. K. 357, 2320, 3608, 4669, 4714
Min ByungHoon 562
Min GiGun 8927
Min HongSik 10340
Min ShaoKai 357, 2320, 3608, 4714
Minami, H. 2738
Minami, T. 7250
Minamikawa, T. 7124, 7210, 11588
Minchin, F. R. 9356
Mincione, A. 3790
Minemura, M. 6317
Ming, J. 2336
Ming, L. 9034
Ming, R. 12336
Ming, T. L. 7663, 9817
Ming, X. T. 7062
Ming, Z. X. 657
Ming Jie 2336
Ming Luo 9034
Ming TienLu 7663, 9817
Ming ZongXiang 657
Mingeot, D. 5649
Minguez-Mosquera, M. I. 4072
Minobe, Y. 1401, 2315, 4677, 9287
Minocha, J. L. 10578, 11591
Minoia, C. 172, 2122, 7064, 7887, 7889, 7911
Minot, J. C. 12971
Mir, M. 2606
Miralles, D. J. 2158
Miranda, J. H. 7191
Miranda, L. C. G. de 11788
Miranda, M. 7413
Miranda, M. A. C. 468
Miranda, S. 12675
Miranda, X. M. 2785
Mircea, I. 729
Mireau, H. 57
Mirghiş, E. 5018, 5372
Mirghiş, R. 5018, 5372
Mirić, M. 2026
Mirkov, T. E. 56, 10620, 11849
Mirkova, V. 10104
Mirkova, V. N. 1319
Miroshin, V. M. 3344
Miroshnikov, A. I. 2491
Mirshahi, A. 10057
Mirshahi, M. 10057
Mirza, J. I. 4420
Mirza, M. S. 1812
Mirzawan, P. D. N. 159
Miséra, S. 2093
Mishra, A. 4913, 10819
Mishra, A. K. 522, 862, 10517
Mishra, A. S. 5915
Mishra, B. 5927
Mishra, C. H. P. 8168
Mishra, D. 524, 3569, 8170
Mishra, G. M. 7179
Mishra, M. K. 10887
Mishra, P. C. 9130-9131
Mishra, P. K. 1406
Mishra, R. C. 525, 7523, 10035
Mishra, R. S. 6169
Mishra, S. B. 5929, 7039
Mishra, S. K. 525, 8132
Mishra, S. N. 6169, 7201, 8052, 9238
Mishra, V. K. 8589, 10886, 11376
Mishra, Y. 11585
Mishra, Y. K. 1590, 1682
Mišić, P. 652
Mišić, P. D. 650, 6191
Mısırlı, A. 722, 725, 731
Miskelly, D. M. 2179
Miskolczi, P. 7097
Mislan, T. W. 5456
Misra, A. 5216, 12045
Misra, A. K. 9620
Misra, A. N. 11439
Misra, A. P. 623
Misra, D. S. 5940-5941
Misra, H. O. 13029
Misra, J. B. 8603
Misra, M. 1122, 11439
Misra, P. N. 1883
Misra, R. C. 1393
Misra, R. K. 12244
Misra, S. 7559, 10981, 12909
Mistou, M. N. 12928, 12960
Miszta, A. 5561
Mita, S. 7832, 12133
Mitchell, A. K. 10986
Mitchell, J. 2865
Mitchell, J. H. 208
Mitchell, K. A. 11024, 12021
Mitchell, R. B. 11388
Mitchell, R. C. 8811
Mitchell, R. J. 8613, 9693, 12986
Mitchell, S. E. 9655, 12309
Mitchell, S. M. 11845
Mitchell-Olds, T. 65, 4052
Mitev, P. 232
Mitev, S. 231, 284, 287, 306
Mithen, R. 1786, 1788, 9675, 12141
Mithila, J. 8918
Mithöfer, A. 11543
Mitić, N. 10388
Mitkees, R. A. 5603
Mito, N. 6133
Mitov, P. 749
Mitra, A. 8706, 10451
Mitra, B. N. 4076
Mitra, P. K. 9885
Mitra, S. K. 8525, 8527
Mitrofanova, I. V. 8544
Mitrofanova, O. V. 8544
Mitrović, M. 11696
Mitsui, T. 3601
Mitsukawa, N. 52, 78, 3207, 9020, 9991
Mitsutsuji, T. 7624
Mittal, R. K. 7966, 10513
Mittal, U. K. 2353
Mittal, V. P. 1310, 11902, 12282
Mittelmann, A. 10077
Mittelsten Scheid, O. 67, 7563
Mittempergher, F. 11798
Mitten, D. 9548
Mittler, R. 4126
Mitykó, J. 634
Mityshkina, T. U. 6484
Mityushkina, T. Yu. 6479
Miura, H. 3333, 7068
Miura, K. 1124, 3600, 4168, 5923, 7005
Miura, N. 12680
Miura, S. 12432
Mivechi-Langaroodi, H. 9423
Mix-Wagner, G. 5639, 6088, 6129, 10523
Miyajima, I. 1081
Miyake, H. 2480
Miyamoto, F. 5411
Miyamoto, K. 4830, 7744
Miyamoto, M. 5934
Miyao, A. 4743, 12367
Miyao-Tokutomi, M. 11418
Miyashita, N. T. 55, 1199, 5661
Miyashita, T. 8154
Miyasita, S. 3063
Miyata, H. 4266
Miyata, M. 7642
Miyata, S. I. 9285
Miyawaki, M. 8393
Miyazaki, M. 585
Miyazaki, S. 5590, 6107, 7683
Miyoshi, K. 6476
Miyoshi and Co Ltd. 5398
Mizen, S. 442
Mizianty, M. 4761, 8201, 11469-11470
Mizobuchi-Fukuoka, R. 9658
Mizoguchi, T. 4369
Mizugaki, M. 10184
Mizukami, H. 2002
Mizukami, Y. 405, 1215, 7835
Mizuno, K. 405, 1448
Mizuno, Y. 466
Mizusawa, H. 2650
Mizutani, F. 2718
Mizutani, M. 8991
Mkandawire, A. B. C. 6051
Mkhabela, M. S. 11383
ML Gerard & Co Ltd 12915
Mliki, A. 12592
Mlinar, R. 2230, 5691
Mlynárová, Ľ. 1849
Mmbaga, M. T. 6050
Mndolwa, S. 4646
Mndolwa, S. I. 4346, 4650
Mo, D. M. 4546
Mo, L. H. 5321
Mo DaoMing 4546
Moad, I. 6424
Moad, M. 6424
Moawad, A. M. 11275
Mobasser, S. 9166
Mochizuki, K. 12365
Mochizuki, N. 9011
Mochizuki, T. 10599, 10693, 10695
Mochul'skiĭ, A. V. 904-905
Mock, H. P. 9736, 11889
Mockaitis, J. 2514
Modarres, A. M. 12324
Modesto, I. F. 11034
Moehs, C. P. 3787, 6082
Moenne, A. 532
Moens, P. B. 1239
Moens, T. 12227
Moffatt, J. M. 5605
Mogensen, H. L. 1361
Mogg, R. J. 8674
Moghaddam, M. 11258
Mogorosi, M. 4648
Mohamed, A. I. 9421, 10424
Mohamed, H. B. 7108
Mohamed, M. E. 5162, 8619, 8665
Mohamed, M. M. M. 11551
Mohamed, S. V. 3782
Mohamed, T. R. 3720
Mohamed-Yasseen, Y. 4952
Mohammad, D. 282, 317
Mohammad, F. 113, 131, 5647
Mohammed, J. 447-448
Mohammed, T. M. 2561
Mohammed Moussaoui 6767
Mohan, M. 3584, 7801
Mohan, N. 8312-8313
Mohan, S. K. 575
Mohanasundaram, M. 802
Mohanraj, D. 881, 11860
Mohanty, A. K. 1537
Mohanty, I. C. 10303
Mohanty, S. C. 5301
Mohapatra, A. K. 2662
Mohapatra, B. K. 1393, 10282, 10512
Mohapatra, P. 11439
Mohapatra, R. 8337
Mohapatra, S. K. 1269
Moharramipour, S. 8047, 10122
Mohd. Napi Daud 8769
Mohideen, M. K. 1658
Mohinder Singh 1821, 6289, 6937
Mohler, V. 3386
Möhlmann, T. 4419
Mohmand, A. S. 132, 167
Mohri, T. 11922
Mohsen, A. A. 9489
Moieni, A. 7969
Moing, A. 9596
Moisander, J. A. 3054
Mojayad, F. 854
Mok, D. W. S. 3942, 9733, 12485
Mok, M. C. 3942, 9733, 12485
Mokat, R. B. 11436
Mol, J. 1174, 11028
Mol, J. N. M. 5523, 12008
Moldenhauer, K. A. 5871, 5947
Moldenhauer, K. A. K. 5867, 5875, 5903, 5937, 5943
Molin, W. T. 946, 11911
Molina, A. 2047, 4854, 8037
Molina, M. C. 10262
Molina, M. del C. 10165
Molina, R. V. 5062
Molina-Cano, J. L. 4558, 6870, 9170
Molina-Galán, J. 3428, 10197
Molina Galán, J. D. 4351, 6402

Molina Moreno, J. C. 5185
Molina-Torres, J. 3115
Molinar, F., Jr. 4225
Molinari, S. 11650
Molinier, J. 4059
Molion, L. C. B. 4827
Moll, E. 2034
Molle, E. 10598
Mollema, C. 8460
Møller, B. L. 3373
Moller, C. 4183
Möller, M. 12178, 12506
Möllers, C. 2743, 7668
Mollring, E. L. 8096
Molnár, A. 11602
Molnár, G. 11602
Molnar, S. J. 1343
Molnár-Láng, M. 2126, 2211
Moloney, M. M. 11804, 12720
Molteberg, E. L. 2234-2235
Momchilova, P. 306
Mon, D. P. 1402
Mon DirPu 1402
Monaco, A. la 7398
Monaghan, B. G. 7209
Monah Singh 3763, 3763
Monasterio-Huelin, E. 2687
Monastra, F. 674
Moncada, X. 2453
Moncalvo, J. M. 4323
Mondal, M. S. 9636
Mondardo, E. 10450
Mondéjar, C. 1835
Mondello, L. 3999, 12692-12693
Monet, R. 5132, 8485, 8491
Monetti, L. N. 6180
Monforte, A. J. 1662, 12609
Monger, W. 4098
Monger, W. A. 9078
Monks, D. E. 3702
Monma, S. 2594, 2607, 5020, 7333
Monna, L. 4672, 4743, 12367
Monneveux, P. 4359, 4491, 9935, 12269-12270
Monotti, M. 855, 2753, 2758, 6954, 7895, 10266, 10784
Monro, A. K. 2959
Monsen, S. B. 399
Montag, K. 2249
Montagnon, C. 1846, 11870
Montagu, M. van 50, 1105, 1643, 1884, 2091, 3223, 4123, 4170, 4377, 4397, 4852, 5552, 6374, 6485, 6658, 7810, 9748, 9789, 9791, 9974, 9978, 11197, 11885, 11892, 12810, 12870, 12874-12875, 12878
Montamat, F. 43
Montanari, S. 2907
Monte, E. 6086
Monteagudo, I. 2277
Monteiro, A. A. 1603, 1632, 2019, 7293
Monteiro, R. 6307
Monteleone, M. 1322
Monteleone, P. 714, 5098
Montemurro, F. 2753, 4063
Montes, S. 1845, 4108
Montesclaros, L. 10586
Montesinos, C. 6157
Monteuuis, O. 5316
Monti, L. 2484
Monti, L. M. 12597, 12644
Monti, M. 172, 7903
Monties, B. 9789, 10202, 10918, 12874-12875
Montijn, B. 1237
Montijn, B. M. 1965
Montoya, C. 2451
Montoya, C. A. 11559
Montserrat Recoder, P. 3066
Montuschi, C. 5123
Monyo, E. S. 4643-4644, 4646-4647, 4650
Moody, K. 11448
Mooibroek, H. 7747
Mooleedhar, V. 2830, 9712
Moolsri, S. 7936
Moon, D. E. 5989, 11517
Moon, D. H. 11360
Moon, H. K. 7637
Moon, H. P. 4746
Moon, Y. H. 11079
Moon HeungKyu 7637
Moon YongHwan 11079
Mooney, H. 4782
Mooney, M. 9226
Mooney, P. J. F. 7225
Moór, A. 628, 5060
Moore, A. L. 3754
Moore, D. 5476
Moore, G. 1259, 4482
Moore, G. A. 7313
Moore, I. 4415
Moore, J. 5277
Moore, J. N. 3967, 4341-4343, 7392
Moore, K. 2770
Moore, K. J. 6980, 11388
Moore, P. H. 4090, 8644-8645, 8651, 8653
Moore, R. W. 2375
Moore, S. H. 2892
Moore, T. H. M. 8105
Moore, W. R. 5600
Moores, T. 11196
Moorthy, B. T. S. 12408
Moorthy, S. N. 2510
Moose, S. P. 3469
Moot, D. J. 11561
Mora-Urpí, J. 4013, 8541
Moraes, C. F. de 9647
Moraes, J. de S. 10811
Morais, O. P. de 10322
Morais-Vevílio, L. 6833
Morak, C. 9705
Moral, J. D. 10096
Morales, A. 4895-4896
Morales, F. J. 6052
Morales, M. R. 5466, 13039
Morales, M. T. 6261
Morales, R. 3128
Morales G., J. A. 9459
Moran, G. F. 962-963, 8778
Moran, J. F. 11578
Moran, R. N. 12349
Morandini, P. 12155
Morata, M. M. 120
Morath, D. 6892
Mordak, H. 13006
More, N. B. 2777
More, T. A. 2621-2622
Moreau, E. 7825
Moreira, A. 4785
Moreira, J. de A. N. 2903, 9768, 10880
Moreira, M. A. 2448, 7123, 7141
Moreira, T. 10830
Moreira da Silva, H. B. dos S. 1919
Morel, J. B. 6333, 11191
Morelli, G. 9985
Morelli, J. L. 884
Morelock, T. E. 3806
Morena-Sevilla, B. 150
Moreno, C. X. 5994
Moreno, E. 12493
Moreno, M. A. 6930
Moreno, M. T. 480, 506, 4848, 12966
Moreno, S. 12675
Moreno, V. 6157
Moreno M., O. 1266
Moreno-Salazar, S. F. 2856
Moreno-Sevilla, B. 7967
Morera, J. 2831
Moretti, A. 5046, 5326
Morgan, C. L. 4037
Morgan, E. R. 4267, 6466, 11025
Morgan, J. M. 4487
Morgan, P. W. 9265
Morgan, W. G. 10350
Morgante, M. 812, 1489, 5309, 8257-8258, 12901
Morgham, A. T. 2852
Morgun, V. V. 3153, 3259
Mori, A. 4171
Mori, H. 4391, 8353, 11782
Mori, K. 11637
Mori, S. 2575
Mori, T. 945
Morici, C. 6388
Morico, G. 669
Moriguchi, K. 11878
Moriguchi, T. 5145, 5147, 7412-7414, 8352
Morikawa, H. 344, 3202, 7816
Morikawa, T. 225
Morimoto, H. 7722
Morin, C. 1368
Morin, F. 9381
Morishima, H. 1155, 4667, 4684, 7050, 10286
Morishita, M. 5120, 10618, 10695
Morisot, A. 13054
Morisset, P. 3660, 10352
Morita, O. 6982
Morita, S. 7011
Morita, T. 6982
Moritz, T. 4122, 4169, 10858
Moriyama, M. 9148
Moriyama, O. 11671
Mornhinweg, D. W. 3393
Moro, C. 12753, 12763
Moro, G. L. 5812, 5818-5819
Môro, J. R. 3497, 3499
Morohoshi, N. 4171, 10915
Morozov, E. V. 319
Morozzi, G. 8695
Morrall, R. A. A. 10478
Morrill, W. L. 7915
Morris, C. F. 2128, 11268, 11270, 12255
Morris, J. B. 9689
Morris, P. 410, 3649, 4755
Morris, P. C. 68
Morris, T. 10927
Morrish, B. C. 9774
Morrison, M. J. 9369, 9379, 9384
Morrone, O. 324
Morse, D. 10048
Morse, R. L. 9627, 9629-9630
Morselli, A. 2807, 5824
Mortensen, D. A. 490
Mortlock, M. Y. 6973
Morton, B. 1103
Morton, B. R. 3022, 8984, 8986
Morton, T. C. 830
Morvan, G. 737
Morzhina, E. V. 9445, 11568
Mosaad, M. G. 136
Mosca, G. 2815
Moscatelli, A. 3274, 9069
Moschella, A. 2910, 2912
Moscheni, E. 11845
Moschetto, D. 1846
Moscone, E. A. 631
Mosconi, C 4879
Mosconi, F. 5118
Moseley, D. 2883
Moser, L. 6196
Moses, L. 9325
Mosimann, E. 7075, 8203
Mosjidis, J. A. 3690, 8232
Mosleth Færgestad, E. 7977
Mosquera, M. 9640
Moss, H. J. 2179
Moss, R. 145
Mossa, J. S. 5455
Mosseler, A. 989
Mössmer, M. 1247
Mostafa, M. A. N. 6948
Mostafavi, M. 8467
Mosurski, K. R. 3191
Mosyakin, S. L. 11455
Motagi, B. N. 6285-6286, 9688
Motchoulskaia, N. 3455
Motes, M. 5438
Motohashi, R. 4731, 12365
Motomura, K. 2327
Motomura, T. 5147, 7412-7414
Motorga, V. 10195
Motoyoshi, F. 81, 3209, 6631, 10606, 11165
Motsenbocker, C. E. 9578
Motskaïtis, Yu. 2514
Motsny, I. I. 125
Mott, D. 11740
Mott, D. W. 5260
Motte, P. 9039
Mottl, J. 5286
Mottley, J. 12956
Motto, M. 2258, 5824, 6947, 9197-9198, 9232, 9247
Motyka, V. 6327, 9731
Motzo, R. 129, 7902
Mou, B. 915, 8694
Mouchotte, J. 12927
Moudachirou, M. 4314
Moue, T. 7698, 8879
Mouillon, J. M. 12499
Moulton, G. A. 1721
Mouly, P. P. 10742
Mount Gambier Property Trust 12446
Mounts, T. L. 3713, 4833
Moura, D. S. 8166
Moura Pires, N. de 9207
Mouras, A. 2839, 11793, 12987
Moureaux, T. 12325
Mourgues, F. 7364
Mourichon, X. 12686
Mourrain, P. 5531
Moury, B. 1687, 8448
Mousa, N. 5507
Moussa, A. M. 3301
Moussa, M. E. 1377, 2285
Moussaoui, M. 6767
Mousset, C. 411
Mousset-Déclas, C. 5985, 8237
Moussian, B. 4407
Mouzeyar, S. 856
Mowers, R. P. 6254
Moya, C. 2562
Moyano, E. 1964, 12666
Moyer, J. L. 3679
Moyer, J. W. 3002
Moyle, R. L. 1640
Moyna, P. 9174
Mozafari, J. 7222, 7235
Mozaffari, K. 9682
Mozsár, J. 8511
Mphangwe, N. I. K. 7551
Mrigendra Singh 3123
Mrkovački, N. 12796
Mroginski, L. A. 1480, 1811, 4778
Mrskoš, M. 3758
Mruthunjaya 8152
Msiska, F. S. 4621
Msomi, N. 9694
Mu, F. S. 7606
Mu, J. H. 10849
Mu, Q. 12843
Mu, R. J. 5106
Mu, X. J. 5133, 12375
Mu, Y. H. 5096
Mu FangSheng 7606
Mu JingHong 10849
Mu Qun 12843
Mu RuiJuan 5106
Mu XiJin 5133, 12375
Mu YunHai 5096
Muarlidharan, J. 5866
Mucci, F. 7904
Muchhal, U. S. 8440
Muchow, R. C. 16, 320, 854, 6971, 8626
Mücke, U. 9438
Muday, G. 9026
Mudge, J. 2780, 10399
Mudrova, A. A. 6693
Muduli, K. C. 1406, 10819
Muehlbauer, F. J. 7185, 8250
Muehlbauer, G. J. 6936
Mueller, J. D. 6032, 11546
Mueller, J. P. 1452
Mueller, W. C. 2852
Muench, D. G. 10295
Mufti, M. U. 6962
Mugasha, A. G. 1896, 7639
Mugnai, L. 752, 5115, 8496, 8925
Muhammad Abbasi, F. 12393
Muhammad Aslam 1668
Muhammad Iqbal 1560, 1563, 1573

Muhammad Sadiq 1559-1563, 1573-1574
Muhammad Saifulla 5939
Muhammad Sarwar 7473
Mühlbach, H. P. 11443
Mühlening, H. 12264
Muhs, H. J. 11935
Mujawar, D. Y. 6281
Mujeeb-Kazi, A. 2142, 4488, 6818, 7929, 8000, 10093
Mujib, A. 3080
Mukai, Y. 10983, 11922
Mukewar, A. M. 9776
Mukhambetzhanov, S. K. 11209
Mukherjee, B. B. 12821
Mukherjee, K. K. 9523
Mukherjee, S. 1525, 7711, 7857
Mukherjee, S. C. 11447
Mukherjee, S. K. 3748
Mukhopadhyay, S. 6521, 10819, 11057
Mukuru, S. Z. 6979
Mulas, M. 12753
Mulatu, K. 4588
Mulcahy, D. L. 3271
Mulcahy, G. B. 3271
Muleo, R. 11833
Muletarova, S. 527
Mulge, R. 9574-9575
Mulimani, V. H. 9456
Mullen, J. A. 9955
Mullen, R. J. 4978, 4983
Mullen, R. T. 7432, 7643
Müller, B. 3809
Muller, C. 3007
Müller, E. 6088, 10523
Muller, E. 5784
Müller, F. 1018, 10929
Müller, J. 1838-1840, 3239, 5550, 11620
Müller, J. V. 3785
Müller, M. 866, 1903, 2256, 6235, 10970, 12314
Müller, P. 457, 10839
Müller, U. 4030
Müller-Doblies, D. 5427
Müller-Doblies, U. 5427
Müller-Röber, B. 539, 2021, 6081, 6677, 8384, 9500, 9742, 12125
Müller-Starck, G. 957, 1139, 2921, 2934-2935, 10911
Mullet, J. E. 2095, 4357, 9051, 9265, 10106, 11158, 12196
Mulligan, B. J. 12132
Mulligan, R. M. 3452, 8978
Mullin, B. 12062
Mullineaux, P. 3747, 4871
Mullineaux, P. M. 9048, 10464
Mullings, M. 3738
Multani, D. S. 7020
Mumera, L. M. 5842
Mumma, R. O. 3024, 11009
Mun, H. G. 9184
Mun, J. H. 1336
Mun HyunGui 9184
Mun JaeHyun 1336
Munaf, A. 1302
Munakata, K. 3233
Munch, J. C. 8929
Münch-Garthoff, S. 9159
Munchmeyer, B. 11857
Munda, B. D. 7069
Mündel, H. H. 1509, 1814
Mundry, K. W. 8408
Mundy, J. 6782
Mungan, G. 8703
Munguía, R. 6046
Mungunga, C. P. 1896
Munhoz, R. E. V. 4858
Muniyamma, M. 3944
Muniyappa, V. 9269
Muniz, J. A. 2032
Munk, L. 8043, 10120
Muñoz, J. J. 3412
Muñoz-Blanco, J. 12666
Muñoz Garmendia, F. 1068
Muñoz M., E. 12704
Muñoz Orozco, A. 3353, 3467
Muñoz-Rueda, A. 9317
Muñoz S., C. 5881
Muñoz-Schick, C. 9431
Muñoz-Valenzuela, S. 7515
Munsch, P. 11100
Munshi, A. D. 5059
Munshi, G. D. 11292
Munshi, J. D. 8649
Münster, T. 10009
Munteanu, M. G. 8980
Munteanu, N. 4851
Munthe, E. 1324
Müntz, K. 33, 11889
Munyenyembe, M. P. 9496
Munyikwa, T. R. I. 12563
Muppidathi, N. 504, 3667, 10268
Murai, F. 7722
Murai, K. 11227, 12237
Murai, M. 3638, 5327
Murai, Y. 5099
Murakami, H. 5460
Murakami, K. 1984, 7298, 7329
Murakami, S. 6000-6001
Murakami, T. 7321
Murali, S. 3041
Muralidhar, V. 9471
Muralidharan, K. 12358
Muralidharan, V. 8340
Muralidharan, V. K. 3124
Muramatsu, T. 1979
Muramoto, Y. 9281
Muranaka, T. 11894
Murano, N. 7832
Murat, K. 6700
Murata, K. 11680
Murata, M. 81, 3209, 6631, 10606, 11165
Murata, N. 2850, 9851, 11190
Murata, S. 10122
Murata, T. 4037, 4638, 6200
Muray, J. R. 2118
Murayama, Y. 7068
Murdakhaev, Yu. M. 1941, 2706
Murdoch, A. J. 11108
Murén, E. 2739
Murfet, I. C. 494, 6058, 12187
Murfett, J. 915
Murgia, I. 12155
Murigneux, A. 8077, 12308
Murillo, M. 3198
Murin, G. 11547
Murison, R. D. 1451
Murison, S. D. 110
Murofushi, N. 1706
Murphy, A. 11189
Murphy, C. 8392
Murphy, C. D. 1389
Murphy, D. J. 7453, 8273, 10765
Murphy, G. 9009
Murphy, G. A. 6639
Murphy, G. P. 3220
Murphy, J. A. 9324
Murphy, P. J. 8025
Murphy, S. D. 1427
Murr, D. P. 12331
Murray, A. K. 2897
Murray, B. G. 2410, 7400, 8191, 9800, 11760, 12678
Murray, C. 11608
Murray, F. 7873
Murray, J. A. H. 4371, 9190
Murray, J. W. 3010, 5336, 12911
Murray, M. G. 2064
Murray, R. A. 12002
Murray, T. D. 176, 7991
Murrell, J. C. 8778
Murrell, J. R. 8994
Murrell, Z. E. 8515
Murri, G. 5118
Murshed, A. N. M. M. 9360
Murthy, A. S. K. 9746
Murthy, B. K. 7028
Murthy, B. N. S. 505
Murthy, H. N. 5211
Murthy, M. 918
Murthy, N. 4311, 8159
Murthy, N. S. 9746
Murthy, S. V. K. 3995
Murty, N. S. 1847
Muruaga, J. S. M. 6042
Murugan, S. 8349
Murugesan, S. 518, 1940
Musa, G. L. C. 7515
Musacchi, S. 7374
Musgrave, M. E. 1205
Mushonga, J. N. 4457, 4459, 4632
Musial, J. M. 1477
Musil, C. F. 4269
Muskens, M. 4404
Musket, T. 5841
Musket, T. A. 6950, 9258-9259, 12336
Musonda, E. M. 4653
Mussi, L. 3881
Mustafa, A. Z. 3843
Mustafa, F. S. 8732, 8736
Mustardy, L. 11190
Mustăţea, P. 12238
Muth, J. R. 2256
Muthiah, A. R. 12360
Muthukrishnan, N. 3551
Muthukumar, B. 513
Muthulakshmi, P. 4749
Mutschler, M. A. 3862, 9546, 12614
Muuka, F. 4456
Muuka, F. P. 4645
Muza, F. R. 313
Muzumdar, D. A. 10182-10183
My, J. 6252
Myatt, S. C. 12595
Mydlilová, J. 5220, 12792
Myers, D. J. 12328
Myers, G. O. 517, 3775, 8730
Myers, J. R. 8296-8299
Myers, R. A. 13060
Myhre, A. 4772
Mynett, K. 3083
Myong, G. C. 6528
Myong GiChung 6528
Myrold, D. D. 11001
Myrza, V. P. 3426
Mythili, J. B. 3768
Myton, K. 9734
Mzouri, M. 1661
Na, J. 5529
Na, L. 1701
Na, S. Y. 6483
Na Jie 5529
Na Li 1701
Nabhan, G. P. 12064
Nacheva, E. 527
Nachi, N. 9427
Nachit, M. 7994
Nada, E. 2660
Nadaf, S. K. 7033-7034
Nadal, S. 506
Nadarajan, N. 518, 2471, 10320, 11573, 12524, 12835
Nadeau, J. 12145
Nadeau, J. A. 5559
Nadeau, P. 3681, 7105, 7549, 8231
Nadgauda, R. S. 13050
Nadolska-Orczyk, A. 4904
Nadtochaev, N. F. 237
Nadzhimov, U. K. 937
Nag, A. 788
Nagai, C. 8645
Nagai, E. 4723
Nagai, M. 4979, 12578
Nagai, V. 468
Nagalakshmi, S. 1994
Nagamaru, Y. 12369
Nagamine, T. 1409, 7929, 11271, 11413
Nagamura, Y. 1396, 1401, 2315, 4671, 12370
Nagano, K. 5923-5924
Naganowska, B. 11476
Nagao, H. 7228
Nagaoka, T. 7924
Nagaraj, T. E. 7067
Nagaraja, A. 2789, 5864
Nagaraja, T. E. 10502, 11403, 11590, 11649, 12342
Nagarajan, M. 8118
Nagarajan, P. 455
Nagarajan, S. 135, 4485, 11280
Nagasaka, K. 1014, 1020, 8800
Nagasaka, M. 1615
Nagasaka, S. 8154
Nagasaki, H. 346, 12366
Nagasako, T. 7680
Nagasawa, T. 6000-6001
Nagata, N. 9812
Nagata, T. 4113, 7557
Nagatani, A. 49, 2100-2101, 9560
Nagatani, N. 11407
Nagato, Y. 2334, 7265
Nagatomi, S. 5140, 5215, 5406
Nagda, A. K. 8599
Nagi, K. S. 1310, 8071, 12282
Nagin Chand 3486
Nagl, W. 12453
Nagpal, P. 3232
Nagy, A. H. 11342
Nagy, F. 4110, 4399, 10862
Nagy, Z. 12269
Nahar, M. S. 3795
Naidenova, N. 12089
Naidin, C. 10195
Naidu, B. P. 8652
Naidu, B. S. 1380
Naidu, K. M. 869
Naidu, M. R. 2774, 8627, 12700
Naidu, N. V. 867, 2774, 4883, 8627, 11851
Na'iem, M. 2965
Naik, G. R. 11856
Naik, M. I. 6977, 10279
Naik, R. P. 1537
Nainawatee, H. S. 11811
Nair, D. B. 8775
Nair, G. S. 11073
Nair, P. I. 1659
Nair, R. B. 6701, 12253
Nair, R. V. 8684
Nair, S. 3584, 7801
Nair, T. V. R. 3768, 7465, 10078
Nair, U. N. 8767
Naito, S. 10522
Najib Lotfy, A. 5272
Nakagahra, M. 2315, 7005
Nakagawa, H. 1398, 8393, 10583
Nakagawa, T. 7820
Nakahira, Y. 5627
Nakahodo Nakahodo, J. 3458
Nakai, R. 5452, 7725
Nakajima, H. 7157, 11894
Nakajima, J. N. 6307, 7548
Nakajima, M. 12361
Nakajima, O. 4810
Nakajima, R. 5887
Nakajima, T. 1713, 4528, 4530, 7060, 11542
Nakajima, Y. 9300, 11610
Nakamura, A. 4691, 9291
Nakamura, C. 7927, 12223
Nakamura, H. 7429, 9298
Nakamura, I. 12033
Nakamura, K. 1020, 1853, 7832, 9971, 12133
Nakamura, R. 341, 352, 2313, 3583, 8134, 8154
Nakamura, S. 466, 2423, 6000-6001, 9311
Nakamura, T. 9281, 12253
Nakamura, Y. 2056, 9148, 11419
Nakanishi, T. 666-667
Nakano, A. 3215
Nakano, H. 11418
Nakano, M. 7696, 11753
Nakano, R. 12320
Nakano, T. 3619
Nakao, E. 6200
Nakao, S. 6200
Nakase, M. 341, 352, 3583, 7015, 8134, 8154
Nakashima, H. 5227
Nakashima, T. 2546, 10628, 11637
Nakata, S. 1646
Nakaţani, M. 4000
Nakatani, S. 11773
Nakatsuka, K. 7878

Nakaya, M. 9905, 12056
Nakayama, M. 8317
Nakayama, S. 9663, 10345
Nakayama, T. 6702, 7920, 10042
Nakayashiki, T. 3904
Nakazaki, T. 3939, 12018
Nakazono, M. 338-339, 353, 4670, 10291
Nakazumi, H. 1331, 10366
Nako, Y. 12019
Nakov, Z. 767
Nalborczyk, E. 5950
Nali, C. 8310
Nalini, P. V. 7405
Nam, H. G. 1204, 8992, 9529, 9654
Nam, J. H. 1309, 1336-1337, 5609, 5664
Nam, J. M. 10004
Nam, J. S. 7809, 11152
Nam, K. W. 7367
Nam, Y. R. 2036
Nam, Y. W. 8476
Nam Hi Song 3091
Nam HongGil 1204, 8992, 9529, 9654
Nam JaeSung 7809, 11152
Nam JungHyun 1309, 1336-1337, 5609, 5664
Nam KiWoong 7367
Nam Prakash 206
Nam YoungRack 2036
Nam YoungWoo 8476
Namath, A. F. 5545
Namboodiri, K. M. N. 2767
Namdeo, K. N. 12775
Namekata, T. 7415
Namiki, M. 3063
Namita Mandal 1877
Namkoong, G. 2923
Namrata Asthana 11380
Namrata Sharma 11503
Nan, Q. 8848
Nan, Z. H. 6997
Nan ZhongHao 6997
Nance, W. L. 10954
Nanda, B. B. 8171
Nanda, G. S. 6864, 12277
Nanda, M. K. 6265
Nanda, P. R. 10511-10512
Nandan, R. 6073
Nandanwankar, K. G. 3544
Nandanwar, R. S. 10281
Nandeha, K. L. 4732
Nandeshwar, S. B. 4142
Nandi, A. 3733, 8305-8306, 8308
Nandi, S. 4679
Nandihalli, B. S. 8462
Nandpuri, K. S. 12627
Nandy, P. S. 1525
Nangia, S. 2950
Nankam, C. 305
Nankova, T. 7295
Nannetti, S. 4535
Nanninga, N. 1237, 1965
Nantel, A. 5880
Nap, J. P. 1849, 12722
Naperkovskaya, G. M. 6163
Napier, G. 13043
Napier, J. A. 9876
Napier, K. 13043
Napoli, C. 3071
Napoli, C. A. 1079, 3072
Napreenko, V. A. 3344
Naqvi, M. H. 4520, 6757
Naqvi, S. S. M. 134
Naraian, U. 2436
Naranjo, C. A. 264, 274, 1360, 3461, 3468, 3485, 3487, 10138, 10176-10179, 10204, 10215, 10233, 10243, 12410
Naranjo, T. 1345, 3312, 7932
Narasimhan, D. 12434
Narasimhan, M. L. 3162, 4125, 6012, 10852, 11897
Narasimhulu, S. 11152
Narasimhulu, S. B. 1176
Narayana, Y. D. 9269
Narayanan, A. I. 9746
Narayanan, A. M. 10268
Narayanasamy, P. 4749
Narayanasamypillai Jayabalan 8607
Narazaki, K. 1033
Nardi, E. 11027
Nardi, S. 7001, 7049
Naredo, M. E. B. 4690, 5888-5889
Narendra Kumar 7186
Narendra Singh 7539
Narendra Tuteja 7726
Naresh, R. 10791
Narita, J. O. 3856, 9547
Narkhede, B. N. 2482, 3779
Narkhede, M. N. 10486
Narladkar, V. W. 10498
Narro, L. 3512, 3516
Narro León, T. P. 3527
Narusawa, H. 5406
Narváez, F. 3436
Nas, M. 681
Nasar, S. 10170
Naskar, S. K. 6101, 10565
Nasrallah, J. B. 7286, 8567, 9664
Nasrallah, M. E. 7286, 8567, 9664
Nass, H. 6302
Nass, H. G. 1268
Nass, N. 2993
Nassar, N. M. A. 7240, 10553
Nast, G. 6081
Nastri, A. 10457
Nasu, T. 4191
Nasu, Y. 1547
Nasuda, S. H. 10270
Nasuda ShuHei 10270
Natali, L. 10172, 10351
Nataraja, K. 1755
Natarajamoorthy, K. 454
Natarajan, C. 455
Natarajan, M. 364
Natarajan, S. 1527, 6301, 11861
Natarajaratnam, N. 3543
Natarelli, L. 7524, 8496
Nategh, Z. 9103
Nath, P. 880, 6964, 8850
Nath, P. S. 2662
Natividad, M. 10153
Nato, A. 10057
Natori, Y. 11093
Nauerby, B. 11890
Naujoks, G. 6365
Naumova, T. N. 12418
Nautiyal, P. C. 8603, 10815
Navale, P. A. 3563, 3567, 3781, 12351
Navarro, E. 3424-3425, 3436
Navarro, L. 4002, 7420
Navarro-Aviñó, J. P. 1364
Navas, A. 3446
Navasardyan, E. M. 601
Navatel, J. C. 6199, 10694
Navazio, J. P. 12638
Nawracała, J. 465
Nay, D. de 6989
Nayak, N. 2783, 7528, 7533, 11848, 11854
Nayak, N. R. 11044
Nayak, P. 6065, 8182, 10342
Nayak, P. K. 10812
Nayak, S. 5469
Nayak, S. K. 3605
Nayak, S. N. 11986
Nayar, N. K. 1748, 2707
Nayar, S. K. 11294
Nayeem, K. A. 8113
Naylor, J. 1439
Nayudu, M. 12400
Nazeem, P. A. 11073
Nazeer, M. A. 2919
Nazer, R. 5034, 7807
Nazzaro, R. 11041
N'Diaye, A. 8794
Ndikawa, R. 323
Neal, P. R. 12174
Neale, D. B. 10961, 13058
Nedel, J. L. 10114-10115
Nedellec, M. 7232
Neelambika, G. K. 1755
Neethling, C. 809
Neff, M. 3232
Neff, W. E. 4833
Neffati, M. 6587
Negi, D. V. 1882
Negi, K. S. 6588
Negi, M. S. 4029
Negri, V. 2390, 3689
Negro, A. 8028
Negru, S. 6904
Negruk, V. 4395
Negrutiu, I. 9719, 12987
Neher, M. K. 5518
Nehlin, L. 2743
Nehra, K. S. 508
Nei, M. 6800
Neinhuis, C. 10568
Nekrep, F. V. 12491
Nekrošas, S. 11459
Nelke, B. 11443
Nelli, E. J. 884
Nelsen, T. C. 12254
Nelson, A. J. 9173
Nelson, C. D. 1006-1007, 2969, 10954, 11957
Nelson, E. C. 13000
Nelson, J. C. 8959
Nelson, R. 1497
Nelson, R. L. 3708, 8252, 11533
Nelson, S. C. 10501
Nelson, T. 10150, 10207, 12142
Nema, G. K. 4092
Nemas, C. 4891
Nembrini, L. 5824
Németh, É. 8914, 8924
Németh, J. 2259
Németh, K. 12435
Nemhauser, J. L. 7833
Nemoga, G. R. 6598
Nenadovich, R. A. 6842
Nencetti, V. 7375, 8496
Neo, H. H. 3715
Neog, N. 8682, 12800
Nepi, M. 10013
Neri, F. 7389, 10623
Nerkar, Y. S. 3917, 7037, 9301, 11434, 11436
Nerlich, A. 10100
Nerson, H. 3899
Nerud, F. 6555
Nerušil, P. 12734
Nes, A. 11739
Nes, M. van 7269
Nesbitt, M. 9141
Nesbitt, M. L. 12715
Neshich, G. 12409
Nešković, M. 10388
NeSmith, D. S. 9151, 11274, 11741
Nessler, C. L. 5453, 11061
Nestares, G. 1811
Nester, E. W. 11150
Nesvadba, V. 12052, 12054
Nesvadba, Z. 11085
Neszmelyi, A. 11083
Netherlands, NIVAA 10525
Neto, A. T. 8166
Neto, S. P. S. 9651
Nettesheim, K. 12150
Neue, H. U. 8158
Neuenschwander, U. 9993
Neuenschwander, U. H. 2047
Neuffer, M. G. 5778, 9205, 9255-9256, 10171, 11113
Neuhaus, G. 596, 5012
Neuhaus, H. E. 4419
Neuhaus, J. M. 6609, 9159
Neumann, K. 9720-9721
Neumann, M. 1613, 9099
Neumayer, É. 7689
Neutelings, G. 12899
Neve, M. de 4397
Neves, L. L. de M. 3840
Neves, N. 6833
Neves, P. C. F. 4658
Neves, P. de C. F. 10322
Nevison, I. M. 1160
Nevo, E. 92, 1330, 4541, 5619, 6783, 6793, 9172, 10117
New Farm Crops Ltd 2207, 2209
New Zealand, New Zealand Institute for Crop and Food Research Ltd 2208
New Zealand, Pastoral Agriculture Research Institute Ltd. 1457-1458, 3646, 3682, 4765, 4767, 8245
New Zealand, Wrightson Seeds Limited 2376
Newbigin, E. 2993, 3265
Newbury, H. J. 892, 7051, 7762, 8137, 11402, 12068
Newell, A. J. 5374
Newell, C. A. 6096
Newell, L. C. 7089
Newman, C. W. 207, 8033
Newman, D. 12981
Newman, P. O. 5017
Newman, R. K. 207, 8033
Newman, W. 1850
Newton, A. C. 2953, 4564, 7781
Newton, M. A. 4433
Newton, R. J. 555, 9322, 12416
Neyland, R. 1977, 3277
Ng, K. Y. 12329
Ng, N. Q. 1544
Ng, P. K. W. 12256
Ng, Q. 1548, 1548
Ngernsiri, L. 5894, 12392, 12528
Ng'etich, W. K. 1843
Ngo Thi Lam Giang 6269
Nguen K" Khoan 632
Nguen Ku Hoan 632
N'Guessan, A. 8519
Nguetta, A. S. P. 11347
Ngugi, E. C. K. 4884
Nguyen, D. Q. 5775, 5811, 9240, 10222
Nguyen, H. T. 5921, 10071
Nguyen, L. 4128
Nguyen, M. V. 10411, 10422
Nguyen, T. D. 9042
Nguyen-Ban, J. 11875
Nguyen Tien Hiep 5437, 12910
Nguyen Xuan Dung 4313
Ni, J. J. 5918
Ni, J. S. 374
Ni, L. J. 2351
Ni, M. 351
Ni, P. C 12375
Ni, S. 11435
Ni, W. Y. 12743
Ni JinShan 374
Ni LinJuan 2351
Ni Min 351
Ni PiChong 12375
Ni WenYan 12743
Nian, H. 1498, 10425
Nian Hai 1498, 10425
Niangado, O. 6988
Niaz, S. 8120
Niazi, B. 167
Nibbe, M. 5991
Nichetti, E. 6802, 8048
Nichols, K. W. 3288
Nichols, M. 5485
Nichols, M. A. 4995, 6128, 7304
Nicholson, M. S. 6556
Nicholson, R. L. 2300
Nickel, U. 12127
Nickell, C. D. 1502, 1504, 6022-6023, 7129-7132, 9391-9393, 9413, 9416
Nickerson, G. 6550
Nickerson, G. B. 7741-7742
Nickless, G. 10357
Nicol, H. I. 1431
Nicol, N. 10586
Nicolas, D. 8756, 8762, 8770
Nicolas, M. E. 4496, 4511, 8236
Nicolas, P. 856, 11099
Nicolas, Y. 6741
Nicole, M. 6100
Nicolescu, C. 12877
Nicolić, M. 11737

Nicolić, T. D. 6205
Nicoll, F. J. 6190
Nicolova, V. 10822
Nicotra, A. 6196, 7345
Nida, D. L. 1871, 6353-6354
Nidhi Arora 7289
Nie, H. Q. 8706
Nie, S. M. 7073
Nie HuiQin 8706
Nie SuMei 7073
Nieden, U. zur 12046
Niedermeierová, H. 6431, 7658
Nield, J. 10360
Nielsen, B. L. 4115
Nielsen, E. 916
Nielsen, J. E. 8679
Nielsen, K. K. 8679
Nielsen, M. T. 12825-12826
Nielsen, S. S. 6012
Nielsen, S. V. S. 6569, 7233
Nielsen, U. B. 5319
Nielsen, V. S. 3373
Nielson, D. C. 2380, 11480
Nieman, I. C. 9337
Niemann, G. J. 3825
Niemelä, P. 10897
Niemeyer, H. M. 186, 2130, 8007, 11251
Niemirowicz-Szczytt, K. 1710, 11203
Nienhuis, J. 3729, 3739, 3854, 7285, 9431, 10462, 11556
Niesenbaum, R. A. 5451, 11021
Nieto Feliner, G. 3037
Nieto-Taladriz, M. T. 143, 1272
Nieves, N. 798, 8524, 8960
Nigam, P. K. 3766
Nigam, S. N. 450, 2769, 4078, 7512, 13059
Nigatu, L. 10842
Nigm, F. H. 5072
Niida, T. 665
Niimi, Y. 7696, 9856
Niino, T. 9594, 11678, 12680
Niizeki, M. 2257
Nijhout, H. F. 12165
Nijkamp, H. J. J. 906, 3859
Nijs, A. P. M. den 1734
Nijs, H. den 1956
Niki, T. 4121
Nikiforov, S. M. 1131
Nikiforova, G. G. 3945
Niklas, A. 5228
Nikles, D. G. 5330
Nikolaevskaya, T. V. 102, 2115
Nikolau, B. J. 1220, 8989, 9222
Nikolić, M. 650, 652, 11696, 11721
Nikolić, R. 10388
Nikolić, Z. 1808
Nikolov, H. 9917
Nikolov, Z. 12310
Nikolova, L. 287, 1802, 1807
Nikolova, V. 482, 1807
Nikova, V. 10856
Niks, R. E. 6799
Nilsson, N. O. 887, 4033, 8680
Nilsson, O. 4169, 4417, 12107, 12868
Nilsson, T. 8396
Nimbalkar, C. A. 3567
Nimchuk, Z. L. 9490
Nimis, P. L. 9062
Nimmen, K. van 2710
Nimmo, H. G. 5441
Nin, S. 12047
Ning, Y. T. 10714
Ning, Y. X. 10714
Ning YuTing 10714
Ning YuXia 10714
Ninganur, B. T. 8600
Ninić-Todorović, J. 6234, 6238
Ninnemann, H. 11597
Ninnemann, O. 2582
Ninno, G. de 2122
Ninno, M. de 7904
Niquet, L. 5322
Nir, S. 12629
Niranjali Gamage 9628
Niranjana Murthy 4311, 8159
Niraz, S. 10097
Nirmala Devi 1793
Nirmala Singh 8358
Nischint Bhatia 8593
Nishibayashi, S. 646, 1713
Nishihama, R. 11166
Nishikawa, A. 9300
Nishimoto, K. 7680
Nishimoto, T. 8140, 9965
Nishimura, K. 7649
Nishimura, M. 1703, 1851, 3202, 4391, 6160-6161, 7816, 12123
Nishimura, R. 5008
Nishimura, T. 5900
Nishio, T. 1171, 4713, 11676, 12586
Nishiuchi, T. 1851
Nishiwaki, S. 353
Nishizawa, N. 2575
Nishizawa, N. K. 76
Nishizawa, T. 11250
Nissanka, S. P. 5829, 11370
Nissilä, E. 1306, 1326, 5663, 8017
Nitis, I. M. 11512
Nito, N. 7419
Nitschke, S. 1912
Nitta, T. 7280
Nitta, Y. 7031
Niu, C. T. 3948
Niu, E. Z. 7326
Niu, X. H. 5082
Niu, X. K. 1605, 2543-2544, 2548
Niu, X. P. 1271
Niu, Y. X. 12327
Niu ChuanTang 3948
Niu ErZhuo 7326
Niu XiaoHua 5082
Niu XinKe 1605, 2543-2544, 2548
Niu XiPing 1271
Niwa, K. 1346, 11243
Niwa, T. 194
Niwa, Y. 12134
Nixon, J. H. 7438
Nixon, P. 2021, 8813, 8816
Niyomdham, C. 5305
Nizamoğlu, A. 4024
Nizioł, B. 3696-3697
Njiti, V. N. 1503, 6021, 9394, 9414
Njock, T. E. 9519
Nkang, A. 10408
Nkongolo, K. 4461
Nkongolo, K. K. 1265, 2975
N'kounkou, J. S. 8404-8405
No, E. G. 9322
Noack, W. 4230
Noad, R. J. 7812
Noaman, M. M. 6777-6778
Noble, C. L. 8236
Nobori, H. 11677
Nobre, J. 5468, 5677
Nocker, S. van 6642
Noctor, G. 6377, 12873
Noda, H. 4011, 8538
Noda, T. 3815
Noe, L. 397
Noel, G. R. 7131
Noguchi, H. 4810
Noguchi, T. 1773, 1780-1781
Noirot, M. 3555, 11616, 12177, 12752
Noiton, D. A. M. 3919, 3926
Noji, M. 2837, 4422, 6124, 7337
Nojima, H. 7140, 7506
Nokoe, S. 447-448
Nolan, L. 11105
Noll, J. S. 4504
Nolte, K. D. 9635
Noma, K. 5887
Nomura, K. 4702
Nomura, T. 1155, 8317, 9994
Nonaka, S. 1275, 1275, 10062, 13038
Nonnecke, G. R. 11744
Nonomura, K. 9283
Noor, M. R. M. 1817
Noppakoonwong, R. N. 7938
Nørbæk, R. 4280
Nordal, I. 12420
Nordeen, R. O. 11893
Nordlee, J. A. 816
Nordquist, P. T. 2281
Nordstrom, H. 10399
Nor'East Miniature Roses Inc. 8828
Norel, A. van 4926-4927, 8389, 12556
Norell, L. 2976, 10964
Norelli, J. 3925
Nørgaard, J. V. 11973
Norioka, N. 667
Norioka, S. 666-667
Noris, E. 6338
Normah, M. N. 1405
Norman, J. W., Jr. 6351
Norman, M. T. 589, 3068
Norman, R. J. 5867, 5875, 5903
Norris, D. L. 6608
Norris, R. A. 4-5
Norrmann, G. A. 9336
Norton, R. N. 10659
Norvell, W. A. 105
Norwati, M. 973
Nösberger, J. 5653-5654
Nosenzo, C. 6557
Noteborn, H. P. J. M. 3884
Nothnagel, E. A. 13010
Nothnagel, T. 8422
Noto, F. 2462
Notteghem, J. L. 1421
Nour, S. 8532
Novaes, N. J. 7195
Novaes-Ledieu, M. 6554
Nováková, B. 834, 7437
Novaretti, W. R. T. 884
Novaro, P. 10036
Novembre, G. 2178
Nover, L. 9550, 9568
Noviello, C. 7309, 12688
Novikova, L. V. 299
Novy, R. G. 6080
Nowaczyk, P. 2597
Nowak, E. 6418
Nowak, J. 12601
Nowak, M. A. 10005
Nowicki, B. 9153
Noyer, J. L. 6215, 12683
Nozaki, K. 6931
Nozaki, T. 10573
Nozue, F. 1401
Nsarellah, N. 7982, 7994
Nshubemuki, L. 1896, 7639
Ntare, B. R. 10509
Nuccio, M. L. 3195, 4777
Nucleic Acids Research 5517
Nuez, F. 1649, 2274, 2614, 5042, 5061-5062, 6230, 8429, 8452
Nugawela, A. 950, 9780
Nugrahaeni, N. 6267-6268, 6277, 6280
Numers, C. von 9295
Nunberg, A. N. 9082
Nunes, M. A. 6891, 6894
Nunes, R. de P. 5474
Nunzi, L. 10143
Nurhaimi-Haris 4156
Nurhidayah, T. 7492
Nurminiemi, M. 1328
Nurudeen, O. 11627
Nuss, K. J. 12782
Nuss, L. 12094, 12496
Nutter, F. W., Jr. 1447
NV Jomobel 2668
Nwachukwu, E. C. 3820
Nwanze, K. F. 6979
Nweke, F. I. 3821
Nwogu, A. N. 8519
Nwufo, M. I. 10820
Nyange, L. R. 9447
Nybom, H. 1760, 3267
Nyéki, J. 697, 708-709, 727, 8486-8487, 8489, 11707, 11715-11718, 11722, 11733
Nyirenda, H. E. 7551
Nykiforuk, C. L. 839
Nylander, M. 4425
Nyman, E. M. G. L. 8396
Nyquist, W. E. 1374, 5863, 11298
Nystedt, J. 5085
Nyujtó, F. 699
Nzoghé, D. 12566
O, P. G. 664
O PingGuei 664
Oakeley, E. J. 902, 7561
Oakes, M. P. 6634
Oakley, S. R. 2900
Oaks, A. 9246
Oană, M. 9154
Oancia, T. 7463
Oard, J. H. 3636, 9315
Oba, S. 10290
Obanda, M. 12801
Obara-Okeyo, P. 9858
O'Barr, R. D. 12715
Obata, A. 2424
Obaton, M. 7074
Oberforster, M. 10072
Oberländer, H. E. 10072
Obermayer, R. 8262
Oberwalder, B. 11597
Obeso, J. R. 10937
Obiefuna, J. C. 10820
Obilana, A. B. 4621, 4629
Obokata, J. 12809
Oborný, J. 2223
Obradović, S. 2814
O'Brien, H. 2830
O'Brien, S. P. 6432
Ocampo, B. 11570, 12514
Ocete, R. 11748
Ochatt, S. J. 3289
Ochiai, Y. 9273
Ochoa, I. 11558
Ochoa-Alejo, N. 7331
Ochoa-Burgos, F. 7515
Ockendon, D. J. 12586
Ocumpaugh, W. R. 3554
Oczkowski, M. 12449
Odaka, K. 4702
Odeigah, P. G. C. 1541, 3775, 6218, 11627
O'Dell, M. 5413, 11323
Odham, G. 8038
Odintsova, T. I. 10605
O'Donnell, P. J. 3876
O'Donoghue, E. M. 1640
O'Donoughue, L. S. 1343
Oeda, K. 9300, 11610, 11894
Oelck, M. M. 7440
Oelke, E. A. 11454
Oelmüller, R. 2550-2551, 3845, 9538
Oertel, H. 552
Oetiker, J. H. 10596
Oetmann, A. 6585
Oettler, G. 6819, 6856, 6877, 6887, 6889, 6892, 8066
Oeveren, J. C. van 6500
Offenberg, H. H. 9549, 11035
Offler, C. E. 9426
Ofori, I. 1553
Ogas, J. 11176
Ogašanović, D. 652, 677, 703, 6189, 6192, 11689, 11696
Ogawa, T. 2738, 4130, 6342, 9309, 11093
Oger, P. 11511
Oger, R. 653
Oghiakhe, S. 2473
Ogihara, Y. 3653, 4460, 7924
Ogilvie, I. S. 8819
Oginosako, Z. 9350, 10380
Ogiwara, I. 6932
Oglesby Plant Laboratory Inc. 5375
Ognjanov, V. 650
Ogoshi, A. 11542
Ogren, W. L. 9013
Ogrydziak, D. M. 10293
Oguni, S. 1773, 1781
Ogura, Y. 3209, 6631
Oguri, Y. 9281
Oğuz, H. I. 681
Oh, D. G. 10614
Oh, J. H. 390, 7059
Oh, J. Y. 6108, 11626
Oh, M. G. 6292

Oh, M. H. 7723
Oh, S. A. 9654
Oh, S. D. 797
Oh, S. H. 7568
Oh, S. K. 7723, 8399, 9520
Oh, Y. J. 9374, 9544
Oh, Y. S. 6292
Oh DaeGuen 10614
Oh JeungHaing 390, 7059
Oh JungYoul 6108, 11626
Oh ManHo 7723
Oh MyungGyu 6292
Oh SooKyung 7723
Oh SukHeung 7568
Oh SungAeong 9654
Oh SungDo 797
Oh SungKun 8399, 9520
Oh YounSup 6292
Oh YunJin 9374, 9544
Ohad, N. 2094
Ohara, M. 7138
O'Hara, R. B. 7881
Ohashi, H. 4812
Ohashi, Y. 4121
Ohba, A. 11031
Ohba, H. 5363, 5411
Ohba, K. 5327, 7624, 7636, 9807, 12887
Ohgawara, T. 7413
Ohi, H. 12432
Ohkawa, H. 1866
Ohkawa, Y. 2738
Ohlrogge, J. 9669, 12817
Ohm, H. 177, 6768
Ohm, H. W. 1303, 2204, 5660, 6721, 10088
Ohmann, S. M. 9501
Ohmido, N. 5745, 9311, 9724, 10184
Ohmiya, K. 1398
Ohmori, T. 10606
Ohnishi, M. 1550, 11271
Ohnishi, O. 3638-3639, 5949
Ohnishi, Y. 667
Ohno, T. 7212, 9875, 10522
Ohri, D. 8850
Ohsako, T. 5661
Ohshima, I. 4702
Ohsugi, R. 4638
Ohta, A. 8441
Ohta, D. 8991
Ohta, H. 4000, 7005, 11530
Ohta, K. 7680, 12019
Ohta, N. 2990
Ohtaguchi, K. 9971
Ohtani, T. 2850, 6342
Ohtsubo, E. 4731, 5887, 12365
Ohtsubo, H. 4731, 5887, 12365
Ohtsubo, N. 10042
Ohtsuka, I. 7927, 12223
Ohya, M. 5590, 5590
Oi, Y. S. 10596
Oi YinShiu 10596
Oja, T. 10367
Oje, S. A. 2924
Ojeda, M. S. 2385
Ojha, C. B. 9467
Ojima, A. 9514
Ojima, K. 10574
Ojomo, J. O. 5820
Oka, M. 900, 9291
Oka, S. 7042, 9594, 10301, 11678
Oka, T. 11093
Oka, Y. 2344
Okabe, A. 6000-6001
Okada, K. 51, 7819-7820, 11169, 11433, 12140
Okada, M. 4315
Okada, Y. 12508
Okamoto, D. 7233
Okamoto, E. 8130
Okamoto, M. 11619
Okamoto, T. 1875
Okamuro, J. K. 6650, 9973, 9978
Okanami, M. 6702
O'Kane, S. L., Jr. 9990, 11188
Okawara, R. 10364
Okawara, Y. 10693
Okazaki, K. 3086, 7135, 7138
Okazaki, T. 5406
Okeno, J. A. 3643
Okey, E. N. 11874
Okie, W. R. 3956, 4341, 7373, 8497
Okinaka, Y. 18-19
Okino, K. 7228
Okita, T. W. 10295
Okkels, F. T. 6612
Okole, B. N. 7408
Okoli, B. E. 6216
Okoro, E. 8519
Okoro, J. U. 8519
Oksman-Caldentey, K. M. 9878
Oku, M. 585
Okubo, H. 2524
Okubo, M. 5158
Okuda, N. 1620, 7287
Okumoto, Y. 1410, 4706, 10317, 11420
Okumura, K. 1448, 3644
Okumura, S. 9991
Okuno, K. 1409, 7005
Okuno, T. 7053
Okuse, I. 1639, 4970
Okut, H. 706
Okuyama, K. 13011
Okuyama, Y. 8185-8186, 10773
Okwuagwu, C. O. 10801
Oladimeji, O. A. 4747
Oldroyd, G. 11645
O'Leary, J. W. 7490, 10796
Olejnicak, J. 5204
Olesen, A. 6738, 11468
Olías, J. M. 6201
Olías, R. 6201
Olimpieri, G. 7895, 7907
Olin-Fatih, M. 11797
Oliphant, J. M. 3283
Olita, G. 1159
Olive, J. 11008
Oliveira, A. C. de 5844, 9087, 10029
Oliveira, A. R. de 1752
Oliveira, F. A. de 10869
Oliveira, I. C. 9044
Oliveira, J. A. 12424
Oliveira, J. S. 6885
Oliveira, L. B. 7168
Oliveira, L. C. de 10879
Oliveira, M. 12987
Oliveira, M. G. de A. 7141
Oliveira, M. M. 2704
Oliveira, R. P. de 8523
Oliveira, R. S. de, Jr. 9207
Oliveira, V. R. 9207
Oliver, D. J. 1195
Oliver, E. G. H. 5358
Oliver, I. M. 5358
Oliver, J. C. 9756
Oliveros, R. 5264
Olivier, A. 10509
Olivier, J. 5033-5034
Olivier, J. J. 7727
Olivier, J. M. 11100
Olivieri, A. M. 12901
Olivieri, I. 1443, 8229-8230
Ollerenshaw, P. 12951
Ollerton, J. 6668
Ollitrault, P. 3555
Olmos, E. 1530
Olrich, M. 1946
Olsen, C. C. 4579, 5694
Olsen, C. E. 5845
Olsen, O. 10541
Olson, D. C. 10596
Olson, T. 458
Olsson, K. 4931, 8680
Olsson, O. 4122, 4169, 10858, 12107, 12868-12869
Olszewska, M. J. 10385
Olszewska-Kaczyńska, I. 4309
Olszewski, N. E. 3167, 6655
Olufowote, J. O. 10300
Om, Y. H. 538, 11625
Om YoungHyun 538, 11625
O'Malley, D. M. 990, 1898, 3251, 11958, 11963, 12897-12898
Omann, F. 5261
Omenukor, R. 8693
Oming, D. 904
Oming, G. 904
Omokhafe, K. O. 949
Omori, S. 7579, 12815
Omura, M. 795, 2717, 5145, 5147, 6223, 7412-7414, 11774
Ona, T. 11925
Öncel, I. 5058
Onckelen, H. A. van 3480, 9731, 10859
Onckelen, H. van 2846, 5522, 9348
Ondar, U. N. 2105
Ondřej, M. 5399, 8378, 12114
O'Neill, C. M. 4037
O'Neill, S. D. 5559, 9584, 11206
Oneyama, C. 667
Ong, M. S. 9003
Ong, S. H. 12847
Ong Seng Huat 8754
Onifade, O. S. 1470
Onnis, A. 10043
Ono, A. 3579
Ono, M. 1952
Onodera, Y. 5222
Onofaro, V. 12616
Onofaro Sanajà, V. 1623
Onofrii, M. 2395
O'Nolan, P. 11128
Ooijen, J. W. van 11182
Oomah, B. D. 842, 7065, 10782
Oono, K. 9286, 9651
Oono, Y. 42
Oosato, K. F. 1413, 7044
Oosawa, K. 10621
Oosten, J. J. van 605
Oosterbaan, A. 12861
Oostermeijer, G. 1956
Oosterom, E. J. van 9, 329
Oostveen, W. J. F. van 3480
Oosumi, T. 78
Ootake, M. 5219
Opara, L. U. 3935, 7361
Oparka, K. J. 2834, 2855
Opatrný, Z. 12820
Openshaw, S. J. 2294
Opera, M. 729
Opio, A. F. 3740
Oppedijk, B. J. 4554
Opsahl-Ferstad, H. G. 11346
Opsomer, C. 40
Oracion, M. Z. 7246
Oracka, T. 10134
Oram, R. N. 422, 8058, 8215
Oravec, V. 8908, 8915
Oravec, V., Jr. 8908
Orczyk, W. 4904
Ordás, A. 1349, 4593
Ordás, R. J. 12893
Ordon, F. 223, 1335, 6800
Ordóñez, A. 6844
Ordoñez, M. E. 11289
Ordonez, R. A. 3620
Ordosgoitti, A. 2792
Orf, J. 4819, 8281
Orf, J. H. 1501, 2421, 2429, 6024-6025, 11536
Orford, S. E. 10033
Orford, S. J. 10874
Ørgaard, M. 1969, 9850, 9924
Ori, N. 9570, 10592
Oriani, M. A. de G. 489
Orians, C. M. 1887, 9792, 10925
Oriniaková, P. 4319
Oritz, J. P. A. 7091
Orlando, L. 2719
Orlando, R. 7394
Orlikowska, T. 6418
Orlov, S. D. 2514
Orlyanskaya, N. A. 6939
Orlyanskiĭ, N. A. 6920, 6939
Orlyuk, A. P. 6723
Ornduff, R. 1034
Ørnstrup, H. 3852
Orosz Kovács, Z. 11720
Oroszlán, P. 2913
Orquera, E. 3447
Orr, A. 9261
Orrillo, M. 537, 4908
Orry, A. 7925
Orsi, R. 7237
Ort, D. R. 3182, 5525
Ortega, D. A. 3735
Ortega, E. 10829
Ortega, R. 8365
Ortega M., P. F. 9459
Ortelli, S. 5653-5654
Orthoefer, F. 4833
Ortiz, A. 5100
Ortiz, J. M. 2414, 11989, 12675
Ortiz, J. P. A. 120, 11486
Ortiz, P. L. 2725
Ortiz, R. 790, 2709, 2784, 3994, 4914, 6212-6213, 6216, 6220, 8517, 8519, 10728, 11351, 11766, 12687
Ortiz, S. 1087
Ortíz C., R. 3514
Ortiz-Ferrara, G. 136
Ortiz-Monasterio R., J. I. 11266, 11273
Ortúñez Rubio, E. 10353
Örvar, B. L. 6332, 10864
Orzáez, D. 4869
Osai, E. O. 6102
Osajima, Y. 4000, 13038
Osaki, T. 1171
Osanyinpeju, A. O. 1541, 3775
Osborn, R. W. 397
Osborn, T. C. 1774, 2397, 3674, 4433, 7098, 7285
Osborne, B. 4591, 6636
Osbourn, A. E. 2050
Oscarsson, M. 212
Osei, J. K. 2831
Osgood, R. V. 11391
Oshima, S. 6631
Osiński, R. 8208
Osipov, V. I. 1906
Osipova, E. V. 8045
Osman, A. E. 8188
Osmond, C. B. 9014
Osorio, E. A. 2224
Ospina-Rey, Y. 2311
Oss, H. van 7183
Ostaszyk, A. 3762
Østergård, H. 1766, 1772, 5685, 8043
Osterloh, I. 2410
Osterlund, M. T. 7840, 12136
Österreicher, J. 7360
Ostrolucká, M. G. 8783
Ostroumova, T. A. 13027
Ostrovskaya, L. K. 3153
Ostry, M. E. 10922
Osuji, J. O. 6216
Osuna, F. 12961
Osuna, J. A. 3531
Osypiuk, E. 2239
Otani, M. 1593, 4724, 11238
Otegbeye, G. O. 2924
Otegui, M. E. 9223
Oteng-Yeboah, A. 4314
Othieno, C. O. 1843
Othman, R. 8754
Otobe, K. 10700
Otoni, W. C. 7426
O'Toole, J. C. 3622, 5921
Otsuki, H. 910, 7005
Otsuki, Y. 910, 2345
Otto, S. P. 11199
Ottoboni, L. M. M. 11336, 11360
Ottonello, S. 3873
Ouazzani, N. 1819
Ouchi, S. 9175, 12283, 12827
Oud, J. L. 222, 1237, 6666
Oud, O. 1965
Ouellet, T. 3364
Ouendeba, B. 5863
Ouenzar, B. 4006
Ougham, H. J. 224, 3321, 9325
Oukropec, I. 732, 738, 755
Oumura, S. 5008
Ouyang, B. L. 10870
Ouyang, G. P. 9505
Ouyang, W. J. 7327
Ouyang, X. Z. 11410
Ouyang BenLian 10870

Ouyang GuangPi 9505
Ouyang WenJun 7327
Ouyang XueZhi 11410
Ovadis, M. 5067, 6166, 6416
Ovečka, M. 1110
Overthrow, R. 2228
Overton, J. 8177
Ovesná, J. 8378
Ow,.D. W. 1180
Owen, H. R. 765
Owen, J. V. 964, 8778
Owens, J. N. 2987, 4212, 10936
Owens, L. D. 886, 11893
Owino, F. 1892
Owttrim, G. 9250
Owuoche, J. O. 156
Owuor, P. O. 12801
Oxelman, B. 12003
Oyamada, Z. 8130-8131
Oyarzabal, O. A. 8187
Öz, F. 11666
Ozawa, K. 4722
Özcan, M. Ö. 2720
Özcan, S. 7119, 7968, 9363
Özdemir, S. 9455, 9457, 10488
Ozeki, Y. 9517
Özgen, M. 7119, 7968, 9363
Ozias-Akins, P. 8610, 10863, 12349
Özkan, H. 4478, 5616, 12304
Ozolas, A. 3282
P. J. Cunningham Family Trust 5334
Pa-Oblek, S. 8668
Pääkkönen, E. 12856
Paap, B. K. 3287
Pacheco, C. A. P. 3501
Pacheco, S. 6972
Pacini, E. 7861, 10013
Packman, L. C. 8316
Paclík, R. 4051
Pacoda, D. 10785
Păcureanu, M. J. 8597
Padgett, H. S. 11139
Padgett, P. E. 11332
Padgette, S. R. 6353
Padilla, C. 2303
Padilla, J. 11519
Padma, K. N. 9224
Padmanaban, P. 881, 11860
Padmanabha, H. S. A. 5467
Padmanabham, V. 1114, 8447
Padmanabhan, D. 1994
Padmanabhan Soman 11382
Padmavathi, N. 12387
Padovan, S. 172, 2122, 7890, 7911
Padrón, E. 5808
Padulosi, S. 1548, 1548, 2733, 7542, 9911
Padutov, V. E. 4190
Pae, S. B. 9544
Pae SukBok 9544
Paech, N. 10360
Paek, K. Y. 1089
Paek KeeYoeup 1089
Paepe, R. de 9723, 9725
Pães de Carvalho, M. 12409
Paez R., A. R. 9638
Pagano, E. A. 6965
Page, D. 8237
Page, R. G. 1922
Page, T. 7823, 9009
Pagès, C. 5046, 5065, 11656
Pagès, M. 1364, 4360, 5490, 6933, 10160
Pagliarini, M. S. 6530, 10766
Pagnotta, M. A. 3327
Pahne, N. 12506
Pahnke, J. 100, 10009
Pahuja, S. K. 1385, 10771
Paikary, R. K. 7523
Paino D'Urzo, M. 3162
Pais, M. S. 12924
Paiva, E. 4614
Paiva, M. C. 9645
Paiva, N. L. 9732
Paiva, W. O. de 11663
Paizert, K. 6895
Pajević, S. 6304
Pajuelo, E. 11510
Pak, E. H. 6003
Pak, J. H. 5885
Pak EuiHo 6003
Pak JongHyok 5885
Pakhomova, N. V. 3546
Pakniyat, H. 8036, 10116-10117
Pakos, T. 10778
Pakravan, M. 11515
Paksoy, M. 10622
Pal, A. 13034
Pal, M. 8850
Pal, S. S. 1351, 11330
Pala, M. 2713
Palacios, C. 12115
Palágyi, A. 2259
Palanisamy, S. 325, 3541-3542, 5858
Palara, U. 7374, 7384
Palasciano, M. 11697, 11704
Palauqui, J. C. 5531, 9730, 11883
Palaveršić, B. 2244, 11367
Palazzo, A. J. 11478
Palazzo, D. 4063, 10784
Pali-Shikhulu, J. 4623
Palii, A. F. 10228
Palikhe, M. M. 12306
Pálinkás, J. 9898
Paliyath, G. 12331
Palkovics, L. 925
Pallikondaperumal, R. K. 846
Pallin, J. B. 9033
Pallisgaard, N. 3686
Palloix, A. 1645, 1687, 7332, 8448
Palma, B. 4184
Palma, F. 5478
Palma, L. de 11697, 11704
Palme, K. 1172, 4415
Palmén, A. 1945
Palmer, C. E. 4040-4041
Palmer, G. M. 12831
Palmer, J. C. 2867
Palmer, J. D. 9549
Palmer, R. G. 2419, 4824, 4842, 6011, 7139, 8291, 10402-10406, 10412-10418, 10436-10437
Palmquist, D. 3949
Palms, B. 1643
Palohuhta, J. P. 4925
Palomino, G. 2724
Palomo, A. 2893
Palomo, G. A. 2879, 8740
Palomo-Salas, J. 2381
Palonen, P. 5116
Palopoli, A. 12758, 12761
Palta, J. P. 3729, 3800
Pałucha, A. 4904
Palukaitis, P. 23, 928
Palumbo, M. 2196, 7899, 10070
Palva, E. T. 5250
Palva, T. 4424
Palva, T. E. 4425
Palve, S. M. 7610
Palzkill, D. A. 5201
Pan, A. 11316
Pan, C. H. 2314
Pan, C. L. 6358
Pan, C. X. 7010
Pan, G. S. 9709
Pan, J. J. 2874, 2876, 2901, 4138, 5257, 8723
Pan, J. L. 4083
Pan, K. Y. 4261, 5425
Pan, Q. B. 9761
Pan, Q. H. 3633
Pan, Q. M. 9770
Pan, R. S. 5896, 11414
Pan, S. 11150
Pan, S. F. 4696
Pan, S. M. 9282
Pan, T. 12733, 12737
Pan, W. L. 5143, 10114-10115
Pan, X. 3912
Pan, X. B. 358
Pan, X. F. 11354
Pan, X. Q. 10608
Pan, Y. B. 8648
Pan, Y. J. 7749
Pan, Z. 290
Pan, Z. G. 2963
Pan, Z. H. 4317
Pan, Z. Q. 5275
Pan American Seed Co. 5392-5396
Pan ChangLi 6358
Pan CheolHo 2314
Pan ChunXin 7010
Pan GenSheng 9709
Pan JiaJu 2874, 2876, 2901, 4138, 5257, 8723
Pan KaiYu 4261, 5425
Pan QiMing 9770
Pan QingHua 3633
Pan QunBin 9761
Pan RunSen 11414
Pan RunShen 5896
Pan Shen 11150
Pan ShengFa 4696
Pan ShuMei 9282
Pan Tao 12733, 12737
Pan WenLi 5143
Pan XinFang 11354
Pan XiuQing 10608
Pan XueBiao 358
Pan YingJie 7749
Pan YongBao 8648
Pan ZeHui 4317
Pan Zhigang 2963
Pan ZhiQiang 5275
Panagopoulos, C. G. 5186
Panaud, O. 1397, 7267
Panayotov, I. 7928
Pancaldi, D. 4535
Pancaldi, S. 7237
Pancoro, A. 4109
Panda, B. B. 6106
Panda, B. S. 10035
Panda, K. K. 6106
Panda, P. K. 1526, 1717, 6059
Pande, P. C. 135, 4485, 10078, 11280
Pande, S. 6976
Pandei, D. K. 8544
Pandey, B. 4353
Pandey, D. K. 4735
Pandey, G. 12571-12572
Pandey, H. S. 9636
Pandey, M. P. 7038
Pandey, N. 9467
Pandey, P. S. 12451
Pandey, R. K. 6296
Pandey, R. L. 2479, 9359
Pandey, R. M. 8586
Pandey, R. N. 512, 8344, 12522
Pandey, S. 112, 302, 2280, 3446, 3475, 3512, 3516
Pandey, S. K. 2497, 7221, 10527-10528
Pandey, S. P. 7940
Pandey, T. D. 4732
Pandey, U. B. 3830, 3832
Pandey, U. C. 3834
Pandian, R. S. 3551
Pandit, N. C. 10891
Pandit, S. S. 1674
Pandita, M. L. 12619
Pandolfini, T. 4510
Pandya, H. V. 885, 2793-2794
Pandya, N. K. 8599
Pandya, R. 11415
Panfilova, O. N. 2243
Pang, C. M. 3297, 9841
Pang, E. C. K. 1305, 1790-1791, 12510
Pang, H. H. 4727
Pang, J. Z. 6722
Pang, R. S. 11914
Pang, S. Z. 5518, 12823
Pang, W. F. 2502
Pang ChangMin 9841
Pang HanHua 4727
Pang JiaZhi 6722
Pang RunSen 11914
Pang ShengZhi 5518, 12823
Pang WanFu 2502
Panis, B. 2710, 10725, 12685
Panitz, R. 8293
Pankaj 1873, 12295
Panković, L. 2202
Panneerselvam, R. 11861
Pannell, J. 7860
Pannetier, C. 12838
Pannu, P. P. S. 4652
Pannu, R. K. 2189, 8579
Panobianco, M. 4828
Panouillé, A. 10141
Panse, A. 3382
Panstruga, R. 3793, 6798, 12543
Pant, J. 7936, 7939
Pantalone, V. R. 1494, 2425, 8280
Panter, D. M. 8710, 8745
Panwar, K. S. 10513, 12494
Panwar, V. P. S. 2286, 5839-5840
Panzera, F. 8411
Paoletti, M. G. 3170
Paolillo, D. J. 9756
Paolis, A. de 6329
Papa, C. 9097
Papa, C. M. 260
Papa, R. 11494
Papadopoulou, K. 12473
Papalini, P. 10590
Papazisis, K. 4516
Papenbrock, J. 11887
Papernik, L. A. 3347
Papić, V. 6192
Papić, V. M. 703
Papineau, J. 8244
Paplauskienė, V. 11463, 11466
Papp, M. 4537, 8007
Pappan, K. 9963
Pappiah, C. M. 11654
Paprštein, F. 651, 745, 748, 11691
Pâques, L. E. 4210, 12908
Paques, M. 12904
Par, M. K. 11626
Paramasivam, K. 3615
Paramasivan, K. S. 504, 3667
Parameshwarappa, K. G. 8600
Parameshwarappa, R. 7033-7034, 7207
Parameswar, N. S. 333
Parameswarappa, R. 1543, 8108
Parameswargoud, P. 8108
Paramjit Singh 1787, 2744, 11807
Paran, I. 8431, 9570, 10592
Parani, M. 5197, 11946
Parashar, R. D. 7211
Parasharami, V. A. 13050
Paraskevopoulou-Parroussi, G. 9566
Parco, A. 4679, 8136
Parcy, F. 2077, 7837
Pardee, W. D. 6952
Pardo, A. 1322
Pardo-González, J. E. 3893
Parducci, L. 6408
Pareddy, D. 9191
Paredes C., M. 9429
Paredes-López, O. 2369
Pareek, A. 11437, 11442
Parekh, N. S. 12130
Parentoni, S. N. 3498, 3501
Parera, C. A. 3463
Parés, D. 10133
Pares, R. D. 6337
Parfenov, A. M. 5217
Parfitt, D. E. 12717
Parfitt, R. 959
Parhi, C. S. 10282
Paria, P. 7609
Parida, A. 11946
Parida, A. K. 2783, 7528, 7533, 7541, 10602
Parihar, S. B. S. 2504
Parihar, S. K. S. 12402
Paris, H. S. 2631, 6162, 7336
Parisi, L. 1725
Pařízek, P. 2218, 10109
Park, B. K. 6526
Park, B. S. 10575
Park, C. B. 1829, 6295
Park, C. G. 6526
Park, C. H. 6526
Park, C. K. 9374, 9827
Park, C. S. 10293

Park, C. Y. 4576
Park, D. S. 1308, 5676
Park, E. H. 6002
Park, G. D. 4576
Park, H. G. 582
Park, H. H. 1336-1337, 5609
Park, H. J. 5664
Park, H. S. 1307, 2559
Park, H. W. 1820, 1829, 6295, 9685
Park, J. A. 4129
Park, J. B. 3930
Park, J. C. 1943, 9410
Park, J. H. 1820, 9685
Park, J. K. 1083
Park, J. S. 2036
Park, K. B. 4576
Park, K. G. 1336-1337
Park, K. H. 6292, 6526, 9827
Park, K. I. 5432
Park, K. J. 785-786
Park, K. W. 3797
Park, K. Y. 1485, 4602, 6002-6003, 9184, 9373, 11015, 11996
Park, M. S. 6292
Park, M. W. 1309, 1336-1337, 5609, 5664
Park, N. K. 2364
Park, R. K. 6002-6003
Park, S. C. 8988
Park, S. G. 4836
Park, S. H. 2535, 4676
Park, S. I. 6526
Park, S. K. 1204
Park, S. U. 4602, 9184
Park, S. W. 542
Park, S. Y. 1089, 2389, 3094
Park, S. Z. 9289
Park, W. D. 8141, 10292, 10300
Park, W. J. 11267
Park, W. M. 923
Park, Y. E. 541
Park, Y. G. 952
Park, Y. J. 8267, 9827
Park, Y. S. 10973
Park BeomSeok 10575
Park BooKyu 6526
Park ChangKie 9374, 9827
Park ChangYoung 4576
Park CheonSeok 10293
Park ChungBerm 1829, 6295
Park ChungHeon 6526
Park ChunGun 6526
Park DongSoo 5676
Park DongSu 1308
Park EuiHo 6002
Park GiDo 4576
Park HeeSeang 1307
Park HeeWoon 1820, 1829, 6295, 9685
Park HuiJoo 5664
Park HyongHo 1336-1337, 5609
Park JaeBok 3930
Park JangHwan 1820, 9685
Park JongA 4129
Park JongCheol 9410
Park JongSuh 2036
Park JoongChoon 1943
Park JungKi 1083
Park KeumYong 6002-6003, 9373
Park KeunYong 4602, 9184
Park KiHun 6292, 6526, 9827
Park KuenWoo 3797
Park KwangGeun 1336-1337
Park KwangJun 785-786
Park KyeongBae 4576
Park KyeongYeal 1485
Park KyungYeol 11996
Park KyYoung 11015
Park MoonKyu 11626
Park MoonSoo 6292
Park MoonWoong 1309, 1336-1337, 5609, 5664
Park NamKyu 2364
Park RaeKyung 6002-6003
Park SangGu 4836
Park SangIl 6526
Park SangYong 3094
Park SeWon 542
Park SooChul 8988
Park SoonKi 1204
Park SoYoung 1089
Park SungHan 2535
Park SungHun 4676
Park SungUe 4602, 9184
Park SunZik 9289
Park WonMok 923
Park YongJin 8267, 9827
Park YoungEun 541
Park YoungGoo 952
Parkash Kumar 7468-7469, 7479, 10775
Parker, A. 3276
Parker, I. M. 39
Parker, J. E. 1222, 3245, 11196
Parker, J. S. 1233, 5494
Parker, M. A. 19, 21, 449, 5997, 12472
Parkes, H. C. 6625
Parkin, I. A. P. 1608, 8557
Parkinson, M. 3275
Parks, P. 1789
Parks, T. D. 3751
Parlati, M. V. 12758-12759, 12761
Parlatore, F. 5968
Parlevliet, J. E. 860, 8009
Parlov, D. 11367
Parman, S. H. 1817
Parmar, S. 5244
Parmentier, Y. 6318
Parniske, M. 3129, 11647
Parokonny, A. S. 1854, 10595
Parra, A. 3482
Parra, C. 12493
Parra, M. del M. 3857
Parrini, P. 2558
Parrish, D. J. 3554
Parrott, W. A. 1499, 2432, 2438, 3650, 3709, 4053, 9050, 11545
Parry, D. W. 10080
Parry, M. A. J. 5244, 6326
Parsons, B. J. 8137
Parsons, N. 547
Parsons, R. 3021
Pärssinen, P. 12426
Partap, P. S. 3755, 3871, 3871, 3875, 3916, 12619
Partas, E. K. 2263
Parthasarathy, P. 3615
Parthasarathy, V. A. 8858, 13003
Parthiban, M. P. 8183
Parthier, B. 191, 1325, 9164
Partohardjono, S. 12067
Partridge, I. 4806
Parveez, G. K. A. 7498-7499
Pašakinskienė, I. 1430, 8206, 11460
Pascal, T. 1730
Pascale, M. 5831
Paschenko, V. M. 10169
Paschold, P. J. 2554, 4976, 10587
Pascual, H. 2465
Pascual, L. 992
Pascual-Villalobos, M. J. 5188, 5193, 5207
Pasda, G. 10257
Pashenova, N. V. 1906
Pask, N. 4157
Pasko, P. 2612
Pasquini, M. 172, 2122, 4535
Passioura, J. B. 859, 6787
Pastenes, C. 6040-6041
Pastuglia, M. 7279, 12712-12713
Pasture Wise 3657-3658
Pastuszka, P. 991
Paszkiewicz, J. 12449
Paszkowski, J. 67, 7563
Pataky, J. K. 305
Patel, A. 3991
Patel, A. J. 9486
Patel, B. A. 11769
Patel, C. B. 885, 2793-2794
Patel, D. A. 9744
Patel, D. J. 11769
Patel, G. M. 5857
Patel, I. S. 9486
Patel, J. 12724
Patel, J. A. 12768
Patel, J. C. 12834
Patel, J. M. 885, 2793
Patel, J. N. 9743
Patel, J. R. 885, 2793-2794
Patel, K. K. 885, 1577, 2793
Patel, M. B. 885, 2793-2794, 5857
Patel, M. C. 2741
Patel, N. A. 1828
Patel, P. G. 1828, 12834
Patel, R. S. 11769
Patel, S. A. 1822, 12768
Patel, S. B. 9743, 12775
Patel, U. G. 12834
Patell, V. 11382
Pater, M. J. 398
Pater, S. de 3211, 3750, 9000
Paterniani, M. E. A. G. Z. 6943, 10261
Paterson, A. H. 4079, 7826, 10878
Pathak, A. K. 12397
Pathak, C. S. 8417, 12583-12584
Pathak, H. C. 9743-9744
Pathak, M. M. 10483
Pathak, R. K. 1118
Pathak, R. S. 4885
Pathan, M. S. 2358, 5921
Pathania, N. 11290
Pathania, N. K. 2595, 8438
Pathania, N. S. 12006
Pathik, S. R. 4892, 10516
Pathipanawat, W. 1449
Pathirana, M. S. 5573, 12441
Pathirana, R. 378, 384
Pathmanathan, U. 12526
Pathmanathan Umaharan 12526
Patil, A. G. 6286
Patil, A. N. 10492
Patil, B. N. 10519
Patil, B. P. 11493
Patil, D. V. 5850
Patil, F. B. 2468
Patil, H. S. 2482, 3779, 6733
Patil, J. G. 9494, 12515
Patil, J. R. 9449, 9482
Patil, J. V. 3769, 8343, 10484-10485
Patil, N. K. B. 8600
Patil, P. 2467
Patil, P. A. 3612
Patil, P. B. 12707
Patil, R. A. 3773, 5850, 9458, 10497
Patil, R. B. 11393
Patil, R. V. 8462
Patil, S. 3449
Patil, S. A. 7540
Patil, S. C. 1540
Patil, S. G. 4064
Patil, S. H. 8602
Patil, S. J. 7190, 10144, 10273
Patil, S. L. 1674, 11404, 11421, 12399
Patil, S. S. 8108
Patil, S. S. D. 4265
Patil, S. U. 6977
Patil, T. C. 10144, 10269, 10519
Patil, V. A. 3566
Patil, V. H. 1674
Patil, V. P. 9397, 9404, 11019, 11253, 11534
Patil, Y. B. 10634
Patnaik, H. P. 8337
Patnaik, J. 7739, 9897, 12049
Patnaik, N. C. 7541, 10835
Patnaik, N. C. P. 2795
Patnaik, P. K. 1393
Patnaik, S. 11044
Patnaik, S. N. 10711
Paton, A. 1120, 4304, 4307
Patra, A. K. 6265
Patra, B. C. 5868
Patra, G. J. 10812
Patra, J. 6106
Patra, N. K. 13023
Patrick, J. W. 9426, 9553
Patrucco, E. 7237
Patrushev, L. I. 9941
Patschka, G. 5646
Patskovsky, Y. V. 912
Pattanayak, A. 4735
Pattee, H. E. 6271
Patterson, C. 9740
Patterson, F. 6768
Patterson, F. L. 1303, 2204, 5660, 6721
Patterson, R. P. 9405
Patterson, S. E. 12146
Pattnaik, S. K. 1743, 10711
Patton, D. A. 3196
Patwary, M. U. 8935
Patyna, H. 3293
Patzer, S. 6354
Pauk, J. 7970, 12224
Paul, A. 7957, 9479
Paul, A. D. 10957
Paul, A. L. 1196, 5569
Paul, H. 7358
Paul, M. J. 5244, 6326
Paul, N. D. 6060
Paul, P. R. 6073
Paul, S. 5232
Paul, V. 10487
Paul, V. H. 8947
Paul Ecke Ranch Inc. 5342-5345
Paul-Pletzer, K. 6083
Paula, J. F. de 2826
Paula Júnior, T. J. de 1519, 7123
Paule, L. 1022, 2936
Paulet, F. 6961, 12417
Paulin, D. 12184
Paulitz, T. C. 4801
Pauls, K. P. 7102
Paulsen, A. Q. 9980
Paulsen, M. R. 290
Paulsen, S. M. 12165
Păunescu, G. 9154
Paunović, A. S. 675, 8482
Paunović, S. A. 675, 8482
Pauw, C. A. 10989
Pavek, J. J. 10534
Pavelek, M. 4149
Pavingerová, D. 5399, 6431, 7658
Pavis, C. 9634
Pavithran, K. 9299
Pavlenko, E. A. 2805, 7544
Pavlina, R. 2266
Pavlova, M. 8209
Pavlović, K. 2804
Pavlović, M. 2160
Pavlovkin, J. 2048
Pavoine, M. T. 6763
Pavone, P. 6111, 12580
Pavoni, A. 4474
Pawade, S. B. 6152
Pawar, B. B. 1289-1290, 6967
Pawar, I. S. 2156, 6747, 7883
Pawar, S. E. 512, 3780, 8344, 12522
Pawłowska, H. 5182
Pawlowski, K. 5294, 11880
Pawłowski, W. 439
Pax, D. L. 7664
Pay, A. 4399
Paydaş, S. 692, 707, 711, 6232
Payne, J. F. 6803
Payne, P. I. 142, 5641
Payne, T. S. 136
Payne, W. H. 8806
Payré, H. 4856
Payton, S. 1652
Paz, P. 3447
Paz-Ares, J. 5166, 5532
Pazdernik, D. L. 1501, 11536
Pazzaglia, M. 5118
Pè, M. E. 6682, 6926
Pè', M. E. 12338
Pea & Bean Progress 2417
Peacock, W. J. 47, 2096, 5568, 5879, 9034, 9354
Peaden, R. N. 430
Peakall, R. 6506
Pear, J. R. 4137

Pearce, R. 3014, 4274
Pearce, R. E. 8863-8864
Pearce, S. R. 535, 6779
Pearce, W. L. 5650
Pearlman, R. E. 1239
Pearson, A. A. 13052
Pearson, C. J. 1474
Pearson, M. N. 9755
Pearson, N. 10424
Peat, W. E. 12430-12431
Pecchioni, N. 4255
Pecetti, L. 1466, 3298, 6755, 12268, 12438
Pech, J. C. 642, 4370, 7335, 7397, 8476, 9848, 12628
Pedersen, C. 4099, 10025
Pedersen, C. Å. 8936
Pedersen, H. C. 4097
Pedersen, J. F. 10275
Pederson, G. A. 2401
Pedral, M. E. 589, 3068
Pedrosa, A. C. 9646
Pedrosa, E. M. R. 473
Pedrosa, L. F. 5810
Pedroso, M. C. 12924
Pedroso, P. A. C. 7171
Pedryc, A. 716
Peel, M. D. 11240, 11461
Peer, W. 2972
Peet, M. M. 8433
Peeters, A. 9326
Peeters, A. J. M. 9987
Peeters, J. 659
Peeters, M. C. 8718
Peferoen, M. 7794
Peffley, E. B. 7259
Pegler, D. N. 13052
Pehu, E. 4425, 4919, 4922, 8375, 11322, 11598
Pei, C. J. 4500
Pei, Y. L. 9386
Pei, Z. M. 7836
Pei, Z. Y. 2153
Pei YanLong 9386
Pei ZhenMing 7836
Pei ZiYou 2153
Peil, A. 10040
Peiris, B. D. 369
Peirson, B. N. 7830
Peixoto, J. R. 11655
Pejic, I. 2266
Pekić, S. 5599
Pektekin, T. 690
Pelacci, P. 10036
Peláez, M. I. 1317
Pelah, D. 12855
Pelegrin, A. 7919
Peleman, J. 1884
Pelese, F. 7807
Pelissier, B. 247
Pelissier, T. 11140
Pellegrineschi, A. 6429
Pellegrini, L. 9197-9198
Pellegrino, M. 12758-12759
Pellet, D. M. 3347, 11612
Pelletier, G. 7576, 11803
Pelletier, M. K. 2081, 8994
Pellett, H. 9592
Pellicoro, A. 11494
Pellinen, R. 12857
Pelloli, G. 12971
Pellow, J. W. 2867
Pelosi, C. 985
Pelsy, F. 5230
Pelt, J. A. van 3825
Peltonen, J. 1326
Peltonen, S. 5681, 11303
Pemberton, H. B. 12970
Pemonge, M. H. 12119
Pen, J. 9079
Peña, R. C. de la 176, 7991
Peña, R. J. 228, 6818, 11266
Peña-Chocarro, L. 9094-9095
Peña-Cortés, H. 3290
Peña-Valdivia, C. B. 6042, 12493
Penchel, R. 7621
Penchel, R. M. 7619
Pendleton, B. 3553
Penella, E. 6870
Peng, H. M. 9347
Peng, J. H. 11255
Peng, J. R. 9017
Peng, L. 7252
Peng, M. B. 7243
Peng, S. Q. 10338, 10341
Peng, T. 6645
Peng, W. C. 6349
Peng, W. S. 9665
Peng, Y. C. 2341
Peng, Y. H. 12461
Peng, Y. J. 934, 9764
Peng, Z. 4427
Peng, Z. M. 3606
Peng HuiMei 9347
Peng JinRong 9017
Peng JunHua 11255
Peng Luo 7252
Peng MingBi 7243
Peng ShaoQiu 10338, 10341
Peng WeiCheng 6349
Peng WuSheng 9665
Peng YingCai 2341
Peng YueJin 934, 9764
Peng YuHua 12461
Peng ZhongMing 3606
Pengelly, B. C. 1479, 1551, 4807
Penmetsa, R. V. 5980
Penna, D. D. 12313
Pennazio, S. 12101
Pennell, C. P. 1452
Penner, B. 7219
Penner, G. A. 4563
Penninckx, I. A. M. A. 5572
Pennone, F. 674, 687
Penrose, L. D. J. 136, 9120, 10065
Pensa, M. 3884
Pensiero, J. F. 11390
Penson, S. P. 5672
Penton, A. 7175
Peñuela, S. 10399
Peñuelas, J. 9171
Pénzes, B. 10581
Penzes, C. 9873
Pepegna, F. 7894, 7909
Pepper, A. 3232
Peracchia, G. 4360
Perales de la Cruz, M. A. 10748
Perata, P. 10206
Perbal, G. 1778
Percival, A. E. 8722
Percival, E. A. 8717
Percy, K. 6060
Perdomo, P. 9324
Perdomo, R. 874
Perecin, D. 3499
Pereira, A. 12722
Pereira, A. A. 2829
Pereira, E. E. 12030
Pereira, J. 6891, 6894, 10261
Pereira, J. C. V. N. A. 7526
Pereira, J. G. 2730
Pereira, J. J. 8454
Pereira, P. R. G. 4861
Pereira, T. N. S. 2419, 10406
Pereira de Carvalho, S. 2449
Pereira-Lorenzo, S. 815, 10760
Pereira Pinto, C. A. B. 2492
Perennes, C. 5240, 11884
Perenzin, M. 2122, 6704, 7887
Perera, A. L. T. 1414
Perera, R. 3214
Pereral, S. 7236
Pérez, A. 2274
Pérez, A. G. 1569, 6201
Pérez, C. 1762, 7120, 10876
Pérez, H. G. 10831
Pérez, J. C. 3512
Pérez, L. M. 2453
Pérez, M. C. 9640
Pérez, N. 2347
Pérez, S. 4908
Perez, S. 521, 537
Pérez-Alfocea, F. 609
Pérez-Alonso, M. J. 4316
Pérez Cabo, A. 6554
Pérez-Castiñeira, J. R. 1364, 4859
Pérez de la Vega, M. 1340, 4572
Pérez de Paz, P. L. 4316
Pérez-Francés, J. F. 3030
Pérez-García, F. 1762
Pérez-González, S. 676, 694
Pérez V., J. C. 3475
Pérez-Vendrell, A. M. 4558, 9170
Pérez-Vicente, R. 5520
Perica, M. C. 4299
Perinot, G. 4461
Perkins-Veazie, P. 5813
Perko, J. 8427, 9543
Perkowski, J. 2194, 4583, 11366
Perl, A. 3217
Perler, O. 7165
Perlick, A. M. 2440, 4847, 6034
Permadi, A. H. 11631
Pernas, M. 1272
Pernollet, J. C. 521, 1368
Peron, J. Y. 4897
Perotti, E. 5843
Perret, D. 12319
Perri, E. 4987, 12616, 12758-12759, 12761
Perrier, J. J. 11145
Perrin, A. 6545
Perrin, Y. 9781
Perrino, P. 1159, 1544, 2172, 4853, 6577, 6586, 7771, 7904, 9094, 9142, 10037, 10504
Perriot, J. J. 1846
Perrot-Rechenmann, C. 6325, 7572, 8758, 12189
Perrotta, C. 2210
Perrotta, G. 9683
Perry, D. J. 4189
Perry, J. P., Jr. 2971
Perry, L. P. 4250
Perry, M. 12082
Perry, M. C. 11128
Perry, N. B. 1119, 5463, 11082
Perry, R. L. 12058
Perry, R. N. 1580
Perry, S. E. 3288
Pershin, A. F. 7514
Pershing, J. C. 310
Persova, T. B. 2106
Persson, G. 6770-6771, 6792
Persson, H. 1760
Perumal, K. R. 8654
Perumal Venkatachalam 8607
Pescitelli, S. 9191
Pesole, G. 1168
Pessino, S. 11486
Pessino, S. C. 7091
Pessoni, L. A. 9436
Petakov, D. 1810
Petcu, E. 8101
Peter, C. 3889
Peter, K. V. 7316
Peterhaensel, C. 7780
Peterka, H. 7264
Peters, B. A. 1298
Peters, J. 6419
Peters, J. A. 8428
Peters, J. L. 2972
Peters, K. F. 8647
Peters, M. 1470
Peters, W. 395
Petersen, G. 12301
Petersen, J. L. 2281
Petersen, K. K. 3668
Petersen, M. W. 6345
Petersen, R. H. 7750
Peterson, C. E. 3806
Peterson, C. J. 3354, 5605, 11267
Peterson, C. M. 2873, 11555, 11840
Peterson, D. G. 12599
Peterson, D. M. 9179
Peterson, G. C. 3534, 3553
Peterson, J. S. 7867
Peterson, R. A. 6219
Peterson, R. N. 12708
Peterson, S. 3949, 6187
Peterson, T. 293, 5709, 5769-5770, 5772, 9229
Pethani, K. V. 10515
Pétiard, V. 10845, 12805
Petit, A. 7829, 11511
Petit, C. 5970, 11484
Petit, R. J. 5202, 6368, 6371, 10905, 12119
Petit-Conil, M. 9789, 11938, 12874-12875
Petitprez, M. 7494
Petka, W. J. Jr. 7513
Petkolicheva, K. 8064
Petkov, Z. 784
Petkova, S. 12488
Petolino, J. 9191
Petreikov, M. 9545
Petrescu, C. 5019
Petri, G. 2913
Petronienė, D. 11622
Petroski, R. 3364
Petrov, M. 3614, 4728, 7048
Petrov, N. Yu. 6944
Petrov, P. 1807
Petrová, E. 1038, 8878
Petrova, K. 299
Petrovic, A. M. 11467
Petrović, S. 2025, 2202
Petruccelli, R. 11833
Petrucco, S. 3873
Petrusa, L. M. 10371
Petterson, D. S. 3688
Petterson, J. A. 8852-8853
Pettinelli Júnior, A. 8005
Pettinelli Junior, A. 6692, 6713
Petzoldt, R. 1633
Peumans, W. J. 2, 4181, 6105, 7633, 9623-9624, 9857, 11765, 13005
Peusha, H. 178, 6762, 10085
Pevalek-Kozlina, B. 6520
Pevicharova, G. 574, 647
Peyachoknagul, S. 2346, 2355, 5894, 7212, 12392, 12528
Peytavis, R. 11881
Pfeffer, M. 7481
Pfeiffer, A. 12901
Pfeiffer, R. 11130
Pfeiffer, T. W. 1359
Pfeiffer, W. H. 228, 6814, 6819-6820, 6829, 6831
Phalak, M. S. 9361
Pham, J. L. 4655, 8128
Pham, K. 3211, 3750, 9000
Pham-Delègue, M. H. 8566
Pham Hoang Ho 5305
Pham Van Ngoc 12457
Phan Ke Loc 5437, 9798, 10946
Phan Lieu 6269
Phelan, T. 3861
Phelps, R. H. 8665
Phelps, T. L. 2247, 5713
Pheru Singh 4645
Philip, J. 3560
Philip, S. 11073
Philip, T. 9622
Philip, V. J. 6543, 7255
Philipp, D. P. 6665
Philippon, J. 856
Philley, H. W. 7088
Phillips, A. L. 8249, 9177, 9295, 12633
Phillips, B. S. 11843
Phillips, D. V. 7162
Phillips, J. 11889
Phillips, J. R. 8015
Phillips, P. 87
Phillips, R. L. 7760, 9189, 9212, 10125, 10208
Phillips, T. J. 10466
Phillipson, B. 9357
Phillipson, P. B. 1250
Phippen, W. B. 4961
Phonjun, C. 12528
Phool Singh 7948
Phoolchand 10886
Phouaravanh, B. 5869
Phul, P. S. 1310, 1549, 2426, 12282, 12474
Phulari, S. S. 11653
Phunchindawan, M. 7744
Phutela, R. P. 2004, 5477
Piano, E. 1466, 9351
Piao, T. F. 2212

Piao TieFu 2212
Piattelli, M. 10741
Piątyszek, M. 12449
Piazza, C. 2395
Picanço, M. 3840
Picard, G. 4031
Picardi, E. 8492
Picardi, L. 1811
Picardi, L. A. 9564
Picatto, C. 4611
Piccaglia, R. 11080
Piccioni, C. 7905
Piccioni, E. 9591, 11210
Piccioni, I. 7897, 7906
Piccirillo, P. 926, 5252
Pich, U. 1512, 1598
Picha, D. H. 9578
Pichare, M. M. 6072
Pichersky, E. 1067, 5560
Pichot, C. 2967, 10948
Pickardt, T. 5991, 9352
Pickering, R. A. 8018
Pickersgill, B. 12618
Pickett, A. A. 7926
Pico, B. 8429
Picorel, R. 9422
Pieber, K. 11700
Piedras, P. 11647
Piegert, H. 6365
Pienkowski, S. 3697
Pieper, K. 9536
Piepho, H. P. 11866
Piergiovanni, A. R. 2172, 4853
Pieri, S. 10784
Pierozzi, N. I. 10935
Pierre, D. 4279
Pierre, J. 8566
Pierre, J. S. 8566
Pierron, P. 9565
Pierronnet, A. 9597
Pierson, E. 7565
Pieters, D. 5378-5383
Pietilä, L. 11598
Pietrzykowski, R. 2238
Piffanelli, P. 7453
Pigliucci, M. 1229, 4367, 9038, 9054
Pignone, D. 7107, 7771
Pigott, C. D. 8795
Pihán S., R. 2527
Pikaard, C. S. 3192, 9656
Pilate, G. 9789, 10918, 11975, 12874-12875, 12880
Pilbeam, C. J. 9425, 11549
Pillai, M. A. 8349
Pillai, P. K. T. 12562, 12569
Pillai, R. R. 8115
Pillai, S. 11519
Pillay, D. T. N. 2754
Pillay, V. K. 12601
Pilon-Smits, E. A. H. 11601
Pilson, D. 841, 12981
Piltz, J. W. 5853
Pimenov, M. G. 13027
Pimentel, D. 3170, 12028
Pina, J. A. 4002, 7420
Pinaev, A. 3691
Pindel, A. 8437
Pineda, M. 6066
Piñera, R. M. 3959
Piñero, D. 2957
Pinhero, R. G. 12331
Pink, D. A. C. 1632, 1637, 2043
Pinkerton, J. N. 6239
Pinnegar, A. E. 2121
Pinner, M. S. 10866
Pinney, K. 7430
Pinnow, D. L. 9689
Pino, A. M. del 2753, 2758, 10784
Pino, S. 2753, 2758
Pinochet, J. 3946, 6185, 10735
Pinochet, X. 2760
Pinon, J. 10920
Pinsker, W. 1018, 11974
Pinson, S. R. M. 4676
Pinto, L. R. 6014-6015
Pinto, L. R. M. 8683
Pinto, P. 10592
Pinto-Carnide, O. 6885
Pintor-Toro, J. A. 3857
Pintro, J. 10251
Pinyarat, W. 9658
Pinyopusarerk, K. 7618
Pioneer Hi-Bred International 423, 8254-8255
Piovani, P. 10910, 11931
Piovesan, G. 985
Piperidis, G. 7040
Piquemal, J. 7620
Pirani, V. 2753, 2758
Piro, F. 5252
Pirog, S. 5950
Piruzyan, É. S. 904-905, 5247
Pisanu, R. 2680
Pisarenko, Z. V. 6723
Piskov, A. 1807
Pistorale, S. 3666
Pistorius, R. 7774
Pitas, J. W. 2064
Pitchaimuthu, M. 11654
Pitchford, K. 3132
Pitrat, M. 5065, 6158, 11656
Pittaway, T. S. 1391, 8121
Pittman, R. N. 9689
Piubello, S. 10800
Pívalová, J. 738
Piven, N. M. 12672
Pivovarov, V. F. 6130
Pixie Plants 3046-3047
Pizaia, A. 3497
Pizarro, E. A. 10390
Pizzoli, L. 10524
Plaha, P. 8126, 10469, 11230
Plaisted, R. L. 1582, 4922
Plana, J. 4019
Planchais, S. 11884
Planchon, C. 854
Planchuelo, A. M. 7111
Plant, J. 3075
Plant Breeding International 2206, 2669-2670
Plant Growers Australia Pty Ltd 12975-12976
Plants International Pty Ltd. 6513-6515
Plants of Tasmania 3013
Plaschke, J. 4580, 6865
Platt, K. A. 7460
Plavcová, O. 8878
Playford, J. 2059
Płażek, A. 10372
Plazinić, R. 6192
Plazinić, R. M. 703
Plazinski, J. 6619
Plesse, B. 8690
Plessis, S. du 6603
Pliansinchai, U. 8668
Plieske, J. 4039
Plissonneau, J. 1278
Plomion, C. 955, 990, 1898, 2926, 3251, 5281, 5312, 12897
Ploper, L. D. 10449
Plourde, A. 10959
Plowman, A. B. 1600
Plowright, R. A. 4750
Pluchard, P. 1292
Pluhár, Z. 8907
Plummer, J. 9542
Pluta, S. 759
Poca, E. 6933
Pocceschi, N. 7733
Pocovi, M. I. 7638
Poddar, R. 9673
Poddar, S. 1525
Podila, G. K. 4158
Podlech, D. 12452
Podleś, L. 8197
Podlisskikh, V. E. 6084
Podol'naya, L. P. 3770
Poels, J. 9079
Poëssel, J. L. 705
Poethig, R. S. 270
Poetto, L. 12928
Poeydomenge, O. 7620
Pofelis, S. 4148
Poggialini, C. 8695
Poggio, L. 263-264, 1360, 3461, 3487, 10176-10179, 10243, 12410
Pogna, N. E. 7975, 10060, 12256
Pogson, B. 1209, 1218
Pohl-Orf, M. 1841, 9705
Pohlmeyer, K. 3287
Poirier, S. 11497, 11524
Poisson, C. 411, 4770, 7071
Pola, R. 2751
Polacco, M. 256, 5723, 5734-5735
Polák, J. 732, 738, 755, 2685
Polanco, C. 4572
Polanco, D. 3500
Poland, Botanical Society of Poland 8943
Polci, P. 4778
Poletti, V. 8512
Poleva, L. V. 7998
Poli, M. 7892, 7910
Polichronow, W. 2034
Polidoro, O. 3337
Polignano, G. B. 1754
Polimeno, F. 6969
Polisensky, D. H. 4421, 5549
Polisetty, R. 2467, 10487
Polito, V. S. 7430
Politov, D. V. 988
Poljšak-Prijatelj, M. 10533
Polkinghorne, I. 9948
Pollak, L. M. 12326
Pollastro, S. 2702
Polley, A. 11086
Pollien, J. M. 11883
Pollock, M. 1055
Polok, K. 10103
Polonskiĭ, V. I. 10118
Polsinelli, M. 2911
Poly, W. J. 12160
Polyakova, G. G. 1906
Polzin, K. 458
Poma, I. 2462
Pomarici, R. 1618
Pommer, C. V. 7399, 7525
Pomortsev, A. A. 205, 10108
Pompeu Júnior, J. 5146, 7415
Pon, J. C. 1864
Pon JuiChu 1864
Ponappa, T. 3219
Poncu, J. 4347
Poncy, O. 5304
Poneleit, C. G. 1359
Pong, Y. H. 6210
Pong-Wong, R. 3252
Pong YongHong 6210
Pongor, S. 7097, 8980, 9344
Pongtongkam, P. 2346, 2355, 5894, 12392, 12528, 12691
Poniedziałek, M. 564
Ponitka, A. 4494, 11284
Ponnuswami, V. 1676
Ponoy, B. 1027
Pons, R. 7888
Ponsamuel, J. 7550
Ponsford, N. R. 1600
Ponstein, A. S. 9079
Ponti, I. 2816
Ponz, R. 5264
Pool, A. 12703
Pool, R. M. 12668-12669
Poole, A. 9165
Poole, D. 3232
Poonacha, N. M. 388
Poonam Dhawan 12619
Pooni, H. S. 7581, 8693, 12839
Pooran Chand 7187
Poot, P. 7717
Poovaiah, B. W. 2494, 3449
Popa, E. 713
Popandron, N. 4347
Pope, R. H. 8813
Poperelya, F. A. 2276
Popescu, C. F. 3985
Pophaly, D. J. 4751, 12407
Popiers, D. 12504
Popineau, Y. 852, 6741
Popov, A. B. 319
Popov, P. P. 4203
Popov, Yu. G. 904-905
Popova, T. A. 7294
Popowich, E. A. 8500
Popp, M. P. 8797
Populer, C. 7348
Porat, R. 5559
Porceddu, E. 3307, 3327, 4499, 4502
Porcheron, A. 429
Porebski, S. 8506
Porfiri, O. 2122, 7894, 7909, 7912
Porpáczy, A. 10668
Porpáczyné Zombori, S. 10668
Porpavai, S. 8628
Porqueddu, C. 407
Porrone, F. 926
Porsch, P. 3793
Porter, D. R. 3393, 5690
Porter, G. W. 8490, 8494
Porter, J. R. 5525
Porter, K. 2294
Porter, K. B. 6769
Porter, R. A. 11454
Portilla, M. 12493
Portis, A. R., Jr. 9013
Portmann, P. A. 10
Porto, M. P. 3517
Porto Barreto, H. É. 3445
Portugal, Instituto de Protecção da Produção Agro-Alimentar 7216
Portyanko, V. A. 8051
Poryazov, I. 482, 488
Poschenrieder, C. 9249
Poshiya, V. K. 12640
Pospíšilová, D. 780
Poste, L. M. 4504
Postman, J. 2696
Postman, J. D. 3938
Potenko, V. V. 6410
Potenza, L. 5478, 9901
Poteri, M. 5279
Potes, M. F. 4066, 11825
Pothiraj, P. 6077
Potier, B. A. M. 1832
Potier, S. 9037
Potokina, E. K. 440, 8239
Potrykus, I. 1848, 7079, 9305
Potter, D. A. 5086
Potter, I. 9972
Potter, T. 445
Potter, T. D. 12735
Potter, T. L. 3126, 7732
Potthoff, S. J. 491
Potts, B. M. 965, 4164-4165, 5282, 10901
Potvin, C. 4050
Pouénat, M. L. 6336
Poulos, J. M. 2615
Poulsen, C. 5993
Poulsen, D. M. E. 1312
Poulsen, G. B. 576
Poulsen Roser ApS 1934-1936, 12934-12937
Poulton, P. R. 1439
Poupart, J. 4303
Povalyukhin, M. I. 7547
Poverene, M. M. 7094, 10789
Powell, G. 874, 8937
Powell, W. 534, 896, 1489, 5232, 6779, 7018, 7220, 7632, 8257-8258, 8368, 9711, 10117, 11302, 11306, 12901
Power, J. B. 1942, 2574, 6099, 7426, 8799, 10230, 10595
Poyart, J. 6321
Poysa, V. 1665
Poznanski, E. 8512
Pozo, O. del 3857
Pozueta-Romero, J. 3891
Pozzobon, M. T. 9335
Prabakar, K. 10500
Prabha, T. N. 6012
Prabhu, A. S. 391, 4744, 4748, 7061
Prabhu, R. 11541
Prabhu, R. R. 9409
Prabhu, T. G. 11838
Pracros, P. 429
Pradere, S. 12864
Pradet, A. 12401
Pradhan, B. 1406, 10819
Pradhan, K. 7523
Pradhan, S. G. 5967

Pradhan, S. K. 1406
Pradier, J. M. 7572
Prado, E. A. 2942
Prakasam, N. 881
Prakash, A. H. 10798
Prakash, A. P. 12009
Prakash, C. S. 3194, 3813, 11840, 12806
Prakash, E. 7724
Prakash, H. S. 6993
Prakash, K. 1431
Prakash, N. 206
Prakash, N. S. 4107
Prakash, S. 578, 5081, 8561, 9442, 11800
Prakash, V. 6541
Prakash Patil 2467
Pramanik, S. 13025
Pramanik, S. K. 5976
Prance, G. 5513
Prance, G. T. 6578
Prasad, A. 1675, 4913, 5417
Prasad, C. 7239, 7447
Prasad, G. 8586
Prasad, G. S. V. 12358
Prasad, K. 8590
Prasad, K. K. 3888
Prasad, M. B. N. V. 7417
Prasad, M. V. R. 8605
Prasad, R. N. 7966
Prasad, S. C. 8162
Prasad, S. G. 11403, 11649
Prasad, S. V. S. 8148
Prasad, T. G. 8153, 8701
Prasanna, B. M. 8084
Prashar, M. 11294
Prasher, D. C. 9960
Prášil, I. 4516
Prášilová, P. 4516
Praszna, L. 8922
Prat, D. 4210, 12908
Prat, S. 6086, 12684
Pratap Singh 4091
Pratchett, N. 5673, 10112
Prathepha, P. 4660
Prathuangwong, S. 2762
Pratiwi, T. 4104
Pratt, C. 4342
Pratt, J. R. 3754
Pratt, L. H. 5015, 9265, 9555, 10600
Pratt, R. C. 1379, 12336
Pratt, R. G. 1446
Pratta, G. 9564
Predieri, S. 6182
Preece, J. E. 2997, 3148
Preet, K. 2353
Preez, R. du 7425
Preez, R. J. du 5160
Prego Royalty BV 12933
Preil, W. 1923
Preiss, J. 3786
Preiss, S. 9664
Preiti, G. 7903
Prem Kishore 1387
Prem Sagar 6992
Premakumari, D. 2919
Premjoshua, J. 10751
Prendergast, M. 3275
Preparata, G. 1168
Presannakumari, K. T. 2767
Presello, D. 3513, 3524-3525
Presley, J. 2894, 2904, 8743
Presnell, T. 12898
Presolska, P. 273
Presterl, T. 3416
Presting, G. 9570
Preston, K. R. 2174
Prestwidge, D. B. 8626
Pretorius, A. J. 4622
Pretorius, Z. 2205
Pretorius, Z. A. 2198, 12276
Prefová, A. 544
Preuss, D. 3216, 9064
Prévôt, J. C. 8774
Priadarshani, S. 7239
Price, A. H. 12379-12380
Price, C. 31
Price, C. A. 2055
Price, G. D. 9729
Price, H. J. 935, 1803, 2755, 3039, 6623, 7593, 7666, 8717
Price, K. R. 3688, 9446
Price, N. S. 10737
Price, P. W. 10926
Price, R. A. 1921, 7664, 11004
Pricop, M. 7114
Pridgeon, A. M. 13016
Priest, M. J. 3717
Prieto, D. 12790
Priilinn, O. 6762, 10085
Prima, G. di 7899, 7901, 10070
Prina, A. R. 2216
Prince, J. P. 5564
Princen, L. H. 5484
Prine, G. M. 7078
Pring, D. R. 313
Prins, A. 2170
Prins, M. 5515, 6339, 7585, 9759, 10865
Prins, R. 2198, 12276
Prins, T. 3882
Prinsen, E. 5522
Prinzio, P. di 1298
Prioli, L. M. 9208
Prior, D. A. M. 2855
Prior, P. 613, 5034
Prioul, J. L. 12158
Priti Manglik 9390
Pritilata Nayak 8182, 8336
Pritoni, G. 8549
Privalle, L. 9257
Privalov, G. F. 789
Priyani Seneviratne 12849
Probatova, N. S. 3664
Probert, M. E. 1141
Proceedings of the Japanese Society of Sugar Beet Technologists 5488
Procházka, S. 5069
Procunier, J. D. 825, 7999
Proebsting, W. M. 3751
Proebsting, W. R. 5756
Proft, M. P. de 4998, 10838
Prohens, J. 6230, 8452
Prończuk, M. 8208, 11364, 11366
Prończuk, S. 8208, 8210
Pronyaev, A. V. 9059
Prośba-Białczyk, U. 4918
Proscevičius, J. 11879
Proschle A., A. 2181, 4507
Prosperi, J. M. 1443, 8229-8230, 9342
Prostko, J. C. 244
Proteaflora Enterprises Pty Ltd. 1917, 5346
Protected Plant Promotions Pty Ltd 3053
Proudhon, D. 6006
Provan, G. J. 6927
Provan, J. 534, 7018, 7220, 8368
Provart, N. J. 8384
Provorov, N. A. 7121
Prud'homme, I. 12723
Prudovsky, E. 5596
Prüfer, D. 7230
Pruitt, C. M. 4256
Pruitt, R. E. 12130
Pruneddu, G. 7000, 7003, 7902
Prusiński, J. 10467
Pruvot, L. 5251
Pruvot-Maschio, G. 11524
Pryor, A. J. 4605
Pryor, T. 307, 5738, 5836, 8102
Przemeck, G. K. H. 3222, 5550
Przyborowski, J. A. 3906, 4798
Przybylska, J. 5992
Przybysz, T. 2239
Przydatek, T. 8830
Przywara, L. 5135
Pswarayi, I. Z. 5317
Pszczoła, J. 10778
Pu, F. D. 9883
Pu, H. L. 2567
Pu, H. M. 4048, 7462, 8569
Pu, X. 7252
Pu FaDing 9883
Pu HanLi 2567
Pu HuiMing 7462, 8569
Pu Xuan 7252
Pua, E. C. 12997
Pua EngChong 12997
Puangsomlee, P. 4400, 5544, 10769
Pucci, P. 9902
Puchkov, M. Yu. 7338
Puchta, H. 1226
Puchwein, G. 3492
Puddephat, I. J. 1607, 11930
Pudovkiĭ, A. I. 89
Puente, F. de la 4895-4896
Puerta, R. de la 568
Puertas, M. J. 264, 1360, 5494, 9181
Pueyo, J. J. 7125, 9422
Puger, A. W. 11512
Pugin, A. 10007
Puglia, S. del 7905
Pugliesi, C. 5184, 10790, 12744
Puglisi, S. 2962
Pühler, A. 2440, 4847, 6034
Pühringer, H. 671
Puigdomènech, P. 4592, 11335
Puite, K. J. 10651
Pujade-Renaud, V. 8758
Pujari, C. V. 2578
Pukhal'skiĭ, V. A. 183, 10041, 10605
Pukhalskiy, V. A. 8045
Pukkila, P. J. 9903
Pulford, I. D. 12882
Pulkrábek, J. 9706
Pullaiah, N. 10746
Pulli, S. 2378, 5179
Pulli, S. K. 12426
Pundeva, R. 10856
Pundir, R. P. S. 4876, 9447-9448
Puneet Kaith 4868
Pungerčar, J. 8381, 10533
Punia, M. S. 10786
Punja, Z. K. 2645, 3911
Punruckvong, A. 8818
Puolimatka, M. 7970, 11322
Pupilli, F. 1442, 2396, 3648
Pupulin, F. 3102
Purba, D. 18-19
Purcell, P. C. 9078, 9504
Pureveen, J. B. M. 3825
Puri, P. D. 6594
Purnima 7471
Purnomo, J. 6267-6268
Purohit, A. N. 12036
Purohit, C. K. 788
Purohit, S. D. 4185
Purrington, C. B. 7845, 9939
Purugganan, M. M. 5549
Purushothama, M. G. 10798
Purushothaman, R. S. 12360
Purwantara, A. 2403
Pusey, P. L. 8497
Pushkaran, K. 7405
Puspita Mukherjee 8336
Putievsky, E. 1120, 4307, 11084
Putrasemedja, S. 11631
Puttaswamy 12342
Putte, P. M. van de 1312
Puttock, C. F. 11003
Pwee, H. K. 8316
Pwee KengHock 8316
Pyee, J. H. 9222
Pyee JaeHo 9222
Pyl'nev, V. M. 5615
Pyl'nev, V. V. 5632
Pyne Gould Guinness Ltd. 3645
Pyon, Y. I. 5631
Pyon YongIl 5631
Pype, J. 8808
Qabazard, H. 5156
Qamaruddin, M. 2976
Qhobela, M. 4628
Qi, A. 5849
Qi, C. H. 4048
Qi, C. K. 7462, 8569, 12729
Qi, J. M. 4152, 5896, 11414, 11914
Qi, J. S. 4135
Qi, L. W. 1958
Qi, M. L. 7390
Qi, X. 8016
Qi, X. F. 7027, 12371
Qi, X. J. 1606
Qi, X. Q. 1610, 4964
Qi, Y. K. 9761
Qi CunKou 7462, 8569, 12729
Qi JianMin 5896, 11414, 11914
Qi JianMing 4152
Qi JunSheng 4135
Qi LiWang 1958
Qi MoLing 7390
Qi XiaoQuan 1610, 4964
Qi XiuFang 7027, 12371
Qi XiuJu 1606
Qi YongKui 9761
Qian, C. M. 9119
Qian, D. Q. 6056
Qian, H. 2418, 9372
Qian, H. R. 2320, 3608, 4666, 4669, 4688, 12371
Qian, K. S. 10745
Qian, Q. 357, 2337, 3588
Qian, S. Y. 934, 9764
Qian, X. F. 10767, 12719
Qian, X. Z. 9674, 12730
Qian, Z. L. 1686
Qian DaQi 6056
Qian Hua 2418, 9372
Qian HuiRong 2320, 3608, 4666, 12371
Qian KaiSheng 10745
Qian Qian 357, 2337, 3588, 4714
Qian SiYing 934, 9764
Qian XiaoFang 10767, 12719
Qian XiuZhen 9674, 12730
Qian ZhiLong 1686
Qiao, C. G. 848
Qiao, C. Z. 12038
Qiao, G. J. 6355
Qiao, L. 5708
Qiao, R. Q. 12274
Qiao, Y. X. 2420
Qiao ChuanZhuo 12038
Qiao ChunGui 848
Qiao GuangJun 6355
Qiao RuiQing 12274
Qiao YanXiang 2420
Qin, A. C. 10919
Qin, F. L. 4697
Qin, H. Z. 978
Qin, L. 5883
Qin, L. X. 5240, 7814
Qin, R. Z. 1407
Qin, W. S. 9963
Qin, X. 2604
Qin, X. K. 9820
Qin, X. Y. 829
Qin, Z. W. 1515, 1521, 1627
Qin AnChen 10919
Qin FaLan 4697
Qin HuiZhen 978
Qin Ling 5883
Qin LiXian 5240, 7814
Qin RuiZhen 1407
Qin WenSheng 9963
Qin XiangKun 9820
Qin XuanYou 829
Qin ZhiWei 1515, 1521, 1627
Qiou, X. Y. 769
Qiou XinYu 769
Qiu, B. Q. 342
Qiu, B. X. 10423, 12476
Qiu, D. J. 375
Qiu, D. Y. 2555
Qiu, J. X. 9382, 12467
Qiu, K. F. 4662
Qiu, S. M. 3592
Qiu, W. M. 10802
Qiu, X. 4788
Qiu, X. D. 375
Qiu, Z. H. 5066
Qiu, Z. J. 4662
Qiu BoQin 342
Qiu DeJun 375
Qiu DeYou 2555
Qiu JiaXun 9382, 12467
Qiu SiMi 3592
Qiu WeiMei 10802
Qiu XiangDong 375
Qiu Xiao 4788
Qu, B. 1784, 9660

Qu, D. Y. 1567, 4907
Qu, F. N. 10644
Qu, G. 8181
Qu, J. Z. 10990
Qu, L. J. 3587, 4683, 9284, 12362
Qu, L. P. 9603
Qu, N. 11995
Qu, R. D. 11307
Qu, S. Q. 7326
Qu, S. S. 7167
Qu, X. P. 3979
Qu, Y. L. 9294
Qu, Z. 12767
Qu, Z. G. 9162
Qu, Z. R. 1656
Qu Bo 1784, 9660
Qu DongYu 1567, 4907
Qu FuNing 10644
Qu Guang 8181
Qu JinZhong 10990
Qu LiJia 3587, 4683, 9284, 12362
Qu LuPing 9603
Qu RongDa 11307
Qu ShiSong 7167
Qu ShuQin 7326
Qu XianPing 3979
Qu YingLan 9294
Qu Zhen 12767
Qu ZhenGang 9162
Qu ZhuRong 1656
Quader, M. 7115
Quadretti, R. 10662
Quaedvlieg, N. 3212
Quaggio, R. B. 76, 4411
Quagliariello, C. 9683
Quagliotti, L. 2660, 5505, 9931
Quail, K. 145
Quail, K. J. 6744
Quail, P. H. 351, 1208, 9025, 9945, 10770
Qualset, C. O. 175, 6591, 6755, 6816, 12252
Quamme, H. A. 3929, 4341
Quan, J. Z. 3556
Quan, L. Y. 370, 2351
Quan, Y. 3998
Quan LiYong 370, 2351
Quan Yin 3998
Quaranta, F. 6907, 6945
Quarín, C. L. 9336, 11487
Quarrie, S. 12158
Quarrie, S. A. 4363, 5599
Quarta, R. 6195, 8477
Quatrano, R. S. 5490, 5880, 10299
Quattrocchio, F. 11028
Quattrucci, E. 3918, 10043
Quayam, H. A. 2358
Quayle, T. 244
Que QiuDeng 1079
Queiroz, A. 6833
Queiroz, E. F. de 4827
Queiroz, F. M. 11401
Queiroz, M. A. de 3901
Quemada, H. D. 12631
Quennemet, J. 2600
Quesada, A. 10853
Quesada, M. 1704
Quesenberry, K. H. 2404, 5496, 5987-5989, 6030, 11517
Quetier, F. 9004
Quevedo, M. A. 1594, 3817
Qui, X. 4789
Qui Xiao 4789
Quick, J. S. 1265
Quick, W. P. 8646
Quigley, F. 2089
Quijada, M. 11945
Quijada, O. 4065
Quiles-Belén, A. 3534, 6956
Quillet, M. C. 5187
Quinn, F. C. 5357
Quiñones, V. 532
Quintana, J. M. 3729
Quintana, L. 12892
Quintas, O. 8524
Quintela Fernández, E. 263, 3461
Quinton, M. 4435
Quiring, D. 2980
Quiros, C. F. 1765, 4034, 4039
Quiroz, H. C. de 1788
Quiroz, J. 10845
Quisenberry, J. E. 1869
Quisenberry, S. S. 5963, 8008
Qureshi, R. H. 944
Ra, D. S. 390, 7059, 10340
Ra DongSoo 390, 7059, 10340
Raabe, R. 8863-8864
Raafat, M. A. A. 8724
Raamsdonk, L. W. D. van 6110, 6662, 7257
Rabaey, T. L. 11372
Rabaglio, M. 6465
Rabbani, S. 3076
Rabinowicz, P. 9981
Rabinowitch, H. D. 6475, 7336
Rabotyagov, V. D. 9895
Răcaru, V. 4873
Racchi, M. L. 5762
Racicot, V. 9012
Radadia, G. G. 2793-2794
Radchenko, E. E. 322
Radcliffe, E. B. 6094
Rademacher, T. 3793
Rademaker, W. 6419
Radenović, Č. 2242
Radenovich, Ch. 2242
Radhakrishnan, T. C. 2711
Radhe Shyam 1679
Radić, H. 10059
Rading, I. M. 887
Radivojević, S. 2814
Radmehr, M. 9152
Radović, D. 2222
Raďu, A. 10195
Răducanu, F. 8596
Radušienė, J. 1104
Radwanski, E. R. 4416
Radziszewski, J. 1473
Raemakers, C. J. J. M. 3810, 12560
Raesecke, H. R. 591, 2084
Raev, R. T. 9895
Rafalski, A. 1489, 8257, 12468
Rafalski, A. J. 8258
Rafalski, J. A. 12901
Raffa, K. 12851
Rafferty, J. B. 6297
Rafi, M. M. 8008
Ragab, R. A. 5674
Raggi, V. 7895
Ragheb, H. M. 8443
Raghothama, K. G. 8440, 10852
Raghu, J. S. 522
Raghunath, M. K. 11762
Raghunatham, G. 8601
Raghuramulu, Y. 4107
Raghuveer Polisetty 2467
Ragot, M. 6610
Raguchander, T. 7197, 10500
Rahal, A. 10328
Raharjo, S. H. T. 2645, 3911
Raheja, R. K. 8582
Rahiman, B. A. 11074
Rahimi, S. 1580
Rahman, H. 12620
Rahman, M. H. 8606
Rahman, M. L. 4750
Rahman, M. M. 5938
Rahman, S. M. 1500, 4830-4831, 7149
Raho, G. 2210
Rahul Chaturvedi 2469
Rai, B. 1768, 7433, 7450, 7464, 8584, 10226, 12728
Rai, K. N. 3562, 6985, 8122
Rai, M. 8589
Rai, N. 8436, 9562
Rai, P. N. 1688
Rai, R. C. 5932
Rai, S. 10638, 13036
Rai, U. K. 6244
Raid, R. N. 12786
Raig, K. A. 7121
Raikes, C. 5956
Raikhel, N. V. 96
Rail, J. 7105
Raina, N. S. 5296
Raina, R. 3454, 5736, 6073, 8338, 9465, 10495
Raina, S. K. 788, 2321, 11427
Raina, S. N. 2766, 3056
Raistrick, N. 9328
Raj, D. 1793, 8332
Raj, H. 8438
Raj, L. 7469, 7479, 10775
Raja Ram 4305
Rajagopal, R. 8775
Rajagopal, V. 6258
Rajagopalan, A. 1761
Rajagopalan, R. 5865, 12354
Rajakumar, M. 11861
Rajalakshmi, S. 11946
Rajam, M. V. 5055, 5911
Rajamani, K. 1940
Rajamony, L. 2711
Rajanaidu, N. 5190, 7501, 12747, 12750
Rajapakse, N. C. 1955
Rajapakse, S. 2995, 8479, 12969
Rajara, M. P. 3334
Rajarajeswari, V. 10882
Rajaram, S. 1296, 3358, 4488, 5602, 6818, 7984, 7989, 8000, 11266, 11273
Rajarathinam, K. 6385
Rajarathinam, S. 504, 3667, 6077, 10268
Rajasekaran, K. 941, 4148, 10883
Rajasekhar, V. K. 7157
Rajbir Singh 2950
Rajeev Rastogi 10584
Rajender Singh 508
Rajendran, B. 2799
Rajesh Sharma 2954, 5301
Rajesh Singh 6992
Rajesh Yadav 11385
Rajgopal, K. 8604
Rajni Raina 9465
Rajni Raman 11813
Rajoli, S. K. 12515
Rajput, C. B. S. 1756
Rajput, J. C. 1674
Raju, A. P. 7537
Raju, D. B. 7118, 10395
Raju, T. 2827
Raju, T. N. 9481, 9483
Rakes, L. 6029
Rakesh Mehra 12619
Rakha, A. 10797
Rakitin, Y. 8378
Rakkiyappan, P. 873
Rakoczy-Trojanowska, M. 7971, 10131
Rakonjac, V. 10676, 11725
Rakotomamonjy, S. 9185
Rakow, G. 1763, 6249, 8578
Rakow, G. F. W. 8560, 10764
Rakowska, M. 3294, 3413, 6813, 6879
Rakshit, S. C. 4151
Ralević, N. 11725
Ralli, G. 1737
Ralli, I. 1737
Rallo, L. 4068, 6259
Ralph, J. 11958
Ram, B. 7534, 8620, 10824, 12087, 12781
Ram, H. H. 1528, 1688, 4868, 5048
Ram, M. 2278
Ram, P. 4305
Ram, R. 4305
Ram, T. 7022, 9492, 10302
Ram Bhajan 7459
Ram Charan 11299
Ramachandran, S. 4053
Ramachanrand, S. 53
Ramaďan, G. A. 1453
Ramadevi 8114
Ramage, C. M. 635
Ramakrishna, B. M. 1390
Ramakrishna, M. 1114
Ramakrishnan, N. A. 10342
Ramakrishnayya, G. 2357
Ramalho, M. A. P. 7168, 9768, 10287, 10454, 10880, 11924
Ramalingam, A. 334
Ramalingam, J. 2342, 8356, 10320, 11573
Ramalingam, R. S. 4074-4075, 5197
Ramamonjisoa, D. 8372
Ramamoorthi, N. 518, 6994, 8123
Ramamurthy, R. 3551
Raman, H. 2359
Raman, R. 2360, 11813
Ramana, R. V. 1534
Ramanathan, T. 863, 4082, 12776
Ramanathan, V. 12658
Ramanjulu, S. 10713
Ramanna, M. S. 1566, 1648, 3078, 3790, 4907, 8867
Ramanujam, T. 869
Ramaraju, K. 5945
Ramasamy, P. 455, 3570-3571
Ramassamy, S. 7335
Ramavtar Sharma 6854-6855
Ramawat, K. G. 11063
Ramawickrama, D. 950
Rambour, S. 1643
Rameau, C. 6058
Ramenda, S. 8199
Ramesh, B. 4382, 8020, 8321
Ramesh, P. 11858
Ramesh, S. 11426, 11590, 12342, 13045-13046
Ramesh, V. 8445
Ramesh Kumar 3888
Ramesh Singh 8919
Ramesh Thatikunta 6264
Ramgiri, S. R. 11235
Ramgiry, S. R. 11585
Ramírez, I. 10850
Ramírez, M. C. 4464
Ramirez, M. L. 5831
Ramírez, N. 10008
Ramírez, R. 3500
Ramirez A., I. 1266
Ramírez-Malagón, R. 7331
Ramírez-Rodríguez, V. 9641
Ramírez-Vallejo, P. 6048
Ramit Poddar 9673
Ramkrishnan, N. A. 8336
Ramli, O. 5272
Ramming, D. W. 7399
Ramnarine, S. 2953
Ramo, T. 4558
Ramos, M. E. 1835
Ramos, P. 3528
Ramos, V. J. 6751
Ramsay, G. 6033, 11550
Ramser, J. 4939
Ramsey, A. D. 1638
Ramsperger, V. C. 3642, 12591
Ramstedt, M. 4178, 8788
Ramu, B. S. S. 12707
Ramulu, K. S. 1648, 2493, 11596
Ran, Y. D. 7472, 12548
Ran YiDong 7472, 12548
Rana, J. C. 8184, 10514
Rana, M. K. 3834
Rana, M. S. 10527-10528
Rana, N. D. 8274
Rana, R. B. 12355
Rana, R. K. 3339
Rana, R. S. 4448
Ranade, S. A. 7805
Ranalli, A. 4069
Ranalli, G. 7897, 7906
Ranalli, P. 2813, 2910-2912, 3723, 5249, 5269, 7612, 8367, 11606, 12497
Rañanský, J. 2048
Rančelienė, V. 11201
Rančelis, V. 199, 3372, 4368, 11308-11310, 12293-12294
Ranch, J. P. 10236
Rancillac, M. 5284, 7262, 8416
Randall, D. D. 11640
Randall, S. K. 48
Randall, W. K. 10980
Randhawa, H. S. 2306, 7973, 11392
Randles, J. W. 9757

Rane, D. A. 4265
Raney, J. P. 8578
Rang, A. 5846
Ranganathan, B. 5909
Rangappa, M. 9421
Rangasamy, D. 11563
Rangasamy, P. 9302, 10320, 11573
Rangasamy, S. R. 12835
Rangasamy, S. R. S. 514, 5197, 5909
Rangaswamy, M. 846, 10489
Rangel, P. H. N. 4658
Ranhotra, G. S. 149
Rani, A. 4295
Rani, A. S. 11839
Rani, K. J. 8601
Rani, P. U. 1681, 10616-10617, 12621, 12623
Rani, S. 511
Rani, T. G. 11073
Rani, T. U. 8167
Rani, U. 3106-3107, 11045-11046
Rani, V. 975
Ranjan, V. 3280
Ranjbar, M. M. 11514
Ranjeva, R. 10007
Ranjith, S. A. 11853
Rankin, C. T. 3824
Ranković, M. 6189
Rannala, B. 6661, 7865
Ranney, C. D. 8739
Ranpise, S. A. 6225
Rao, A. 7972
Rao, A. M. 6985, 11426, 11590
Rao, A. N. 7193, 9468, 9470, 9473, 9481, 11049
Rao, A. S. 3562, 6985, 8122
Rao, A. V. 8370
Rao, B. R. 2798
Rao, B. V. 9453
Rao, C. D. 7661
Rao, C. S. 7470, 12358
Rao, D. M. 8339
Rao, D. M. R. 10313
Rao, G. M. 8148
Rao, G. P. 7538, 8584, 10226
Rao, G. R. 1555
Rao, G. S. B. P. 9746
Rao, G. U. 7448
Rao, G. V. R. 7512
Rao, G. Y. 5425
Rao, J. N. 507
Rao, J. V. D. K. K. 3774, 11577
Rao, K. C. 6299, 7535, 9695-9696
Rao, K. E. P. 1384, 4629
Rao, K. L. N. 7465
Rao, K. R. 2286, 7724
Rao, K. S. 2027, 8395
Rao, K. V. 240, 7537, 9746
Rao, K. V. M. 4880
Rao, K. V. S. 4078
Rao, M. G. 8153
Rao, M. M. 881, 2791
Rao, M. R. G. 10273-10274
Rao, M. V. 12331
Rao, M. V. B. 7028
Rao, N. K. 7036
Rao, P. R. 6929
Rao, P. S. 5470, 8165, 8616-8618, 8639
Rao, P. S. K. 7466
Rao, P. V. 8601
Rao, P. V. S. 6287
Rao, Q. Y. 4261
Rao, R. 12597, 12644
Rao, R. C. N. 450, 859, 4078
Rao, R. V. S. 9746
Rao, S. A. 1384
Rao, S. K. 3766, 6062, 8333, 8335
Rao, S. S. 4732, 9338, 12359
Rao, S. V. 3545
Rao, T. G. N. 1117
Rao, T. K. V. K. M. 2774, 8627
Rao, T. K. V. V. M. 7537
Rao, T. M. 9449, 9482
Rao, T. N. 8601
Rao, T. P. 12388
Rao, V. R. 13056
Rao, V. R. B. 867, 2774, 8627, 11851
Rao, V. U. M. 8575
Rao, V. V. R. 9746
Rao GuangYuan 5425
Rao QuangYuan 4261
Rapisarda, P. 10741
Rapoport, H. F. 4068
Rapp, K. 5982
Raquel, M. H. 2704
Raruqui, O. R. 11566
Rasal, P. N. 1290
Raschka, H. D. 958
Raschke, K. 9503
Rashal, I. 5686
Rashid, H. 822
Rashid, K. Y. 1796, 10885
Rashid, M. M. 3795
Rashid Ibrar 3322
Rashkes, A. M. 937
Rashkes, Ya. V. 937
Rashkova, S. 11151
Rashotte, A. M. 9042
Rasi-Caldogno, F. 12154
Rask, L. 821, 5172
Raska, D. A. 7593
Raskin, I. 10339
Rasmussen, F. N. 11043, 12022
Rasmussen, J. O. 12546
Rasmussen, O. S. 11794, 12546
Rasmussen, S. K. 2125, 3391, 6638, 6797
Rasmusson, A. G. 2489, 11599
Rasmusson, D. C. 3385, 7760
Rastogi, D. 8913
Rastogi, K. B. 3837, 7180, 8424
Rastogi, N. K. 12386
Rastogi, R. 10584
Rasul, E. 11859
Rasul, M. G. 3795
Ratcliff, F. 8979
Ratcliffe, O. 4405
Ratcliffe, R. H. 1303, 2204, 5660
Ratet, P. 5979, 11497, 11524
Rath, S. P. 11044
Rather, Z. A. 11029
Rathinam, A. 334
Rathjen, J. P. 5040
Rathjen, T. 6691
Rathnaswamy, R. 455, 10489
Rathod, T. H. 2304
Rathore, B. S. 11587
Rathore, P. K. 10469-10470
Rathore, R. K. S. 7963
Rathus, C. 6957, 6960
Ratiarson, A. 4461
Ratisoontorn, P. 5894, 12392, 12528
Ratledge, C. 11563
Ratnambal, M. J. 11075
Ratnasiri, W. G. A. 159
Ratnayake, C. 6912, 7460
Ratsirarson, J. 11948
Rattunde, F. 3416
Rau, H. M. 11970
Raudaskoski, M. 2841
Raun, W. R. 10067
Raupp, W. J. 1297, 9100
Rausch, T. 4100
Raut, B. T. 12522
Raut, J. S. 2741
Raut, S. K. 5638, 9472
Raut, V. M. 9397, 9404, 11534
Rava, C. A. 487, 1517-1518
Ravallec, M. 6628
Ravanel, S. 9977
Raveendran, T. S. 7600, 10810, 10875
Ravel, C. 1429, 1432, 11464
Ravelonandro, M. 744
Raven, J. A. 9172
Raventos, D. 3240
Ravi 2474, 11584
Ravi, I. 3605
Ravi, M. V. 10279
Ravi Kumar 12732
Ravichandran, P. 12434
Ravid, U. 11084
Ravikesavan, R. 10489
Ravinder Kumar 12240
Ravindra, V. 8603, 10815
Ravindra Mulge 9574-9575
Ravindran, G. R. 12354
Ravindran, P. N. 11075
Ravindraraju, V. 8340
Ravish Chatrath 9129
Ravizzini, R. A. 120
Ravnikar, M. 8381, 10533
Rawal, H. S. 6064
Rawal, R. S. 12036
Rawat, G. S. 11235, 11585
Rawat, R. S. 3559, 6990
Rawat, S. 7471
Rawles, H. 241
Rawson, H. M. 4484, 7933, 7938, 8944
Rawsthorne, S. 7434
Ray, A. 3214, 4414
Ray, D. T. 5205, 5276
Ray, I. M. 4773
Ray, J. D. 11361, 12332
Ray, S. 4414
Raybould, A. F. 8674, 11997
Rayburn, A. L. 4598
Rayburn, S. T. 2891
Raychaudhuri, A. 3626
Raychaudhuri, S. S. 3116, 13025
Rayment, G. E. 1141
Raymer, P. L. 817, 1258, 4053, 6901, 9385
Raymond, O. 11992
Raymond, P. 9561
Raymound, C. A. 12859
Raynal, G. 429, 5985
Raynal, M. 8999, 9966, 11168
Raz, V. 6330
Raza, T. H. 12279
Razdan, M. K. 11117
Razera, L. F. 7163
Razmjoo, K. 578
Ražukas, A. 11607
Razumov, P. N. 6410
Re, L. lo 172
Re, P. del 3723
Rea, G. 10474
Rea, P. A. 2090, 12138, 12138
Rea, R. 2792
Read, B. J. 3368
Read, J. C. 3554
Read, P. E. 9816
Reader, J. K. 7236
Reader, S. M. 8121, 10033
Reali, A. 9196
Reátegui Zumaeta, A. 3532
Rebaï, A. 10003, 12319
Rébeillé, F. 12499
Rebelo, J. A. 3785
Rebetzke, G. J. 2425, 8280
Rebman, J. P. 6518, 11780, 11843
Reboud, X. 3273
Recalt, C. 7555
Rech, E. L. 3726, 9686, 11552
Recourt, K. 1511, 3798
Recupero, G. R. 10744
Redaelli, R. 2122, 10060, 12256
Redalen, G. 662, 6174
Redden, R. J. 483, 1510, 10459
Reddy, A. R. 3584
Reddy, A. S. 7512
Reddy, A. S. N. 63, 12156
Reddy, B. M. 9224, 9263
Reddy, B. S. 8462
Reddy, B. V. S. 6963
Reddy, C. D. R. 7037
Reddy, C. S. 8608
Reddy, D. M. 3552
Reddy, D. V. R. 7512
Reddy, E. V. R. 9471
Reddy, G. L. K. 10813
Reddy, G. M. 8167, 11839
Reddy, G. V. 4876
Reddy, J. N. 2357, 12389
Reddy, J. T. 2754
Reddy, K. D. 5940-5941
Reddy, K. H. P. 2768
Reddy, K. R. 7194
Reddy, M. L. N. 8917
Reddy, M. M. 4388
Reddy, M. S. S. 10813
Reddy, M. V. 510, 7198, 9471, 9480-9481, 9483-9484, 10499
Reddy, M. V. B. 4801
Reddy, N. P. E. 4388
Reddy, O. U. K. 12387
Reddy, P. C. 8174, 8701, 10798, 11441
Reddy, P. M. 7510
Reddy, P. N. 12707
Reddy, P. P. 11986
Reddy, P. R. 10813
Reddy, P. R. R. 6966
Reddy, P. S. 1114
Reddy, P. V. 11991
Reddy, T. B. 10746
Reddy, T. P. 4085, 8339, 10313, 11579, 11844
Reddy, V. G. 1384
Reddy, V. R. K. 8065
Reddy, Y. A. N. 1809, 8595
Redenbaugh, K. 9548
Redfearn, D. D. 11388
Redhead, C. R. 1172
Redig, P. 2846, 3480, 9731, 10859
Redinbaugh, M. G. 10246
Redlands Greenhouses Holdings Pty Ltd 1913
Redoña, E. D. 2316, 4704
Redondo-Nevado, J. 6066
Redžepović, S. 2180
Reece, P. E. 7089
Reed, B. M. 12660
Reed, D. W. 2080
Reed, G. L. 4901
Reed, J. 3232
Reed, J. L. 4166
Reed, K. F. M. 8193, 12415
Reed, R. L. 3554
Reeder, J. 7967
Reeder, R. K. 4978
Reeleder, R. 7712
Rees, K. C. J. van 1256
Rees, T. ap 3788, 3799
Reeves, J. C. 5173
Regad, F. 7807
Regazzi, A. J. 9647, 10322
Reggiani, F. 8032
Reggiardo, M. I. 120
Reghenzani, J. R. 8650
Regina, A. 4661
Regina, M. 10896
Regina, M. de A. 9613
Register, J. 12310
Register, J. C., III 7799
Regmi, K. R. 385
Regner, F. 1738, 2701, 3894, 9615
Rego, T. J. 450
Reheul, D. 8211
Rehfeldt, G. E. 10985
Rehman, O. U. 10797
Rehman, S. 4088
Rei, F. T. 4066, 11825
Reich, B. J. 310
Reichel, C. 5704
Reichheld, J. P. 10854
Reichler, S. 12501
Reid, D. J. 6219
Reid, D. M. 12741
Reid, J. B. 2461, 4164, 7177, 8317, 10468, 12187
Reid, L. M. 2284, 4616-4617, 5832
Reid, R. J. 10073
Reid, S. J. 10658
Reid, W. 12714
Reignault, P. 1222
Reijnen, W. H. 4909
Reimer, E. 4563
Reinbothe, C. 1175, 9164
Reinbothe, S. 1175, 9164
Reinbrecht, C. 8061
Reinink, K. 7269
Reis, M. S. 4823
Reis, O. V. dos 4011, 8538
Reisch, B. I. 12668-12669
Reisch, B. J. 4342
Reiss, B. 5704, 7560

Reiss, G. C. 7795
Reitan, L. 5682
Reiter, W. D. 9972, 12149
Rejesus, R. M. 4466
Rek, J. 11593, 12540, 12550
Rek-Ciepły, B. 10111
Rekha, A. 7417, 8684
Rekha, M. 10712
Rekha Kansal 6067-6068
Rekika, D. 12270
Relle, M. 1010, 4202
Remacle, C. 4116, 8372
Remaily, G. 12669
Remanandan, P. 9473
Remedia, F. 6954-6955, 10266-10267
Remotti, P. C. 13008
Rempel, C. B. 6251
Ren, C. F. 2332
Ren, H. Z. 6154
Ren, M. Q. 3335
Ren, N. 5835, 10155
Ren, N. H. 9822
Ren, S. X. 3361, 6764
Ren, X. 6717
Ren, X. F. 8869
Ren, X. Q. 413, 9114
Ren, X. Y. 2506, 5119
Ren, Y. G. 10296
Ren, Y. Y. 2532
Ren, Z. J. 12467
Ren ChangFu 2332
Ren HuaZhong 6154
Ren MingQuan 3335
Ren NingHui 9822
Ren Xian 6717
Ren XiaoQin 413, 9114
Ren XiaoYun 2506
Ren XiuFang 8869
Ren XiuYun 5119
Ren YanGuo 10296
Ren YunYing 2532
Ren ZhenJing 12467
Renand, M. 5046
Renard, C. 13059
Renard, M. 1769, 4028, 7452, 8566
Renaud, M. 11444
Renaud, R. 5100
Renaudin, J. P. 3073, 4371, 10854
Rencüzoğullari, E. 1599
Renda, A. 10741
Renganayaki, K. 514, 6077
Rengel, Z. 6794, 9155, 12266
Renkin, R. A. 10916
Renn, D. 5480
Rennenberg, H. 6377
Rennick, K. A. 3713
Renno, J. F. 12346
Renou, J. P. 7657, 9809, 10997
Rensburg, J. B. J. van 309
Rensburg, L. van 9747
Rensen, I. van 11005
Rentsch, D. 64, 1252
Repčák, M. 1986, 8908, 8915
Repellin, A. 10803, 11824
Repetti, P. 2094
Repo, T. 2378
Rerkasem, B. 7936, 7942, 7981, 12233
Resca, R. 2818
Resende, J. C. F. de 4823
Resende, M. D. V. de 10256, 11328
Resende, R. de O. 618
Reshetnikov, V. N. 6842
Resnick, A. S. 11172
Resta, P. 4545
Restivo, F. 4986
Reunanen, M. 11730
Reust, W. 11593, 12540, 12550
Reuther, G. 4991
Reuveni, M. 4125
Reuveni, O. 5139
Reuveni, R. 10258
Révayová, D. 758
Reveal, J. L. 9692
Revilla, P. 4593, 10166
Revilleza, M. J. 12454
Revue Horticole Suisse 5384
Rewale, A. P. 515
Rey, H. Y. 1480
Rey, M. 12893
Rey, P. J. 10804
Reyes-Valdés, M. H. 935
Reymond, P. 6083
Reynaerts, A. 3884
Reynders-Aloisi, S. 12952, 12957, 12967
Reynolds, A. 11629
Reynolds, A. G. 1742
Reynolds, J. F. 12631
Reynolds, M. R. 2461
Reynolds, S. C. P. 8928
Reynolds, T. L. 3317, 5586, 6739
Reynoso, L. 10284
Reynoso, M. M. 5831
Reznicek, A. A. 2107
Rhee, M. D. van de 7747
Rheenen, H. A. van 9454
Rhijn, P. van 9346, 10410
Rhim, S. L. 2314
Rhim SeongLyul 2314
Rhodes, B. B. 2627
Rhodes, D. 3162, 3535
Rhodes, I. 11505
Rhyne, C. L. 2875, 8720, 8727
Ri, C. G. 6164
Ri, G. P. 5656
Ri, S. J. 5914
Ri, Y. B. 5870
Ri ChanGi 6164
Ri GuPil 5656
Ri SungJo 5914
Ri YongBok 5870
Rianawati, S. 12390
Riaz, S. 132, 167, 282, 317
Riazuddin, S. 12513
Ribaut, J. M. 10252, 10255, 10264, 11161
Ribeiro, A. 5294
Ribeiro, A. I. F. 6390
Ribeiro, I. J. A. 9639
Ribeiro-Carvalho, C. 7931
Ribeiro Filho, A. A. 8542
Ribeiro Júnior, J. I. 90
Ricard, B. 12401
Ricardo, C. P. 4796
Riccardi, F. 1368
Ricci, O. 10398
Ricci, P. 5251, 13054
Ricciardi, L. 11283
Rice, D. W. 6297
Rice, J. A. 9740
Richard, G. 9516
Richard, H. 4728
Richard, L. 5240, 7814
Richard, O. 8973
Richards, A. J. 3261, 4332, 7676, 11112
Richards, C. 12920
Richards, E. J. 3233
Richards, G. D. 8494
Richards, K. W. 13053
Richards, R. A. 4362
Richards, R. L. 4333
Richardson, A. C. 808
Richardson, H. 1222
Richardson, T. E. 2069
Richberg, M. H. 2046, 6630
Richharia, A. K. 4719
Richman, A. D. 98, 7863
Richter, C. 2035
Richter, G. 1588, 8394
Richter, K. 8472
Richter, S. N. C. 1492
Richter, T. 8102
Richter, T. E. 307
Rick, C. M. 5030, 10594
Rickauer, M. 6336, 11896
Ricklefs, R. E. 2114
Rickson, F. R. 9733
Ricroch, A. 325, 4951, 6109, 7267
Riddell-Black, D. 12882
Ridderström, M. 6627
Rideau, M. 1985, 1989
Ridley, A. M. 422
Ridley, G. S. 7750
Ridolfi, M. 5289-5290
Riedel, L. 11140
Riederer, M. 10568
Riedler, C. 10072
Rieger, M. 10863
Rieger, M. A. 1601
Rieger, R. 1512
Rieke, S. 866
Riemenschneider, D. E. 2053
Riera-Lizarazu, O. 9189
Ries, R. E. 9334
Ries, S. M. 7359
Rieseberg, L. H. 1801, 4442, 12742
Riesmeier, J. W. 2021, 2582, 8382
Riesner, D. 3179
Riess, R. W. 4597, 9204
Rietveld, E. M. 5235
Rife, C. L. 9668
Rigas, S. 10765
Rigaud, M. 6933
Riggs, A. D. 12063
Riggs, R. D. 470
Riggs, T. J. 1607
Righetti, T. L. 11679
Rígr, A. 12052, 12054
Říhová, L. 1570, 3792
Rijkenberg, F. H. J. 4615
Rikkerink, E. 5081
Riksen, T. 6464
Riksen-Bruinsma, T. 889, 8678
Riley, R. H. 3741
Rim, U. S. 5914
Rim, Y. W. 7859
Rim UkSam 5914
Rim YongWoo 7859
Rimmer, S. R. 1789
Rincon, F. 5761
Rincón-Zachary, M. 9147
Rine, J. 9547
Rinehart, J. A. 6345
Rines, H. W. 9189, 10125
Ring, S. G. 12507
Rink, G. 4179
Rintamaki-Strait, J. 12851
Río, A. 4592
Rio, A. H. del 12537-12538
Ríos, J. J. 6201
Ríos L., D. 2527
Ripper, G. 1214
Riquelme, F. 603
Riquelme S., J. 9429
Riseman, A. 6460
Rishi, A. S. 8182
Risseeuw, E. 8688
Ristevski, B. 6184
Ristic, Z. 3507
Risueño, M. C. 1678
Rita Kumari 8294
Ritchie, S. W. 10246
Ritland, D. 12310
Ritland, K. 1028, 1057, 3257
Ritt, C. 6914
Ritter, E. 5100
Riva, G. A de la 12790
Rivalta, L. 8477
Rivano, F. 10892
Rivard, S. R. 533
Riveros, M. 4184
Rivin, C. 9200
Rivin, C. J. 5756, 5779, 5781
Rivista di Frutticoltura e di Ortofloricoltura 10650
Rivoal, J. 12401
Rivoal, R. 185
Rizos, H. 6337
Rizza, F. 1329
Rizzi, E. 5824
Rizzuti, B. 12758, 12761
RJ & ML Riley Pty Ltd 3042
Robaglia, C. 3165, 7302
Robb, J. 3880
Röbbelen, G. 835, 4039
Robbertse, B. 10081
Robbins, M. P. 3649, 4755
Robbins, R. T. 6029, 11909
Robbins, T. P. 1965
Robbrecht, E. 6315
Robe, P. 6763
Röber, M. 539
Roberds, J. 2923
Roberds, J. H. 11964
Robert, B. 7919
Robert, L. S. 1764, 4027, 7442, 10765
Robert, T. 4951, 7267, 12805
Roberts, A. G. 2855
Roberts, A. M. 12962
Roberts, A. V. 10940
Roberts, D. J. 10357
Roberts, D. M. 7568, 9383
Roberts, E. H. 5849, 12193, 12462
Roberts, I. M. 2855
Roberts, J. A. 4263, 12603
Roberts, M. A. 3199
Roberts, P. A. 1670-1672
Roberts, S. E. 8657
Roberts, W. 11595
Robertson, A. J. 1440
Robertson, D. S. 5771, 9211, 9222
Robertson, E. J. 2098
Robertson, K. R. 11455
Robertson, L. D. 500, 11570
Robertson, M. 4345
Robertson, M. J. 8626
Robertson, S. E. 12000
Robichaux, R. H. 10501
Robinson, C. 2021, 9024
Robinson, D. 9172, 10117
Robinson, J. 1333, 4562, 5679-5680, 5683, 8039, 8041
Robinson, J. C. 9627, 9629-9630
Robinson, J. M. 9541
Robinson, K. R. 11036
Robinson, N. J. 1112, 12122
Robinson, R. W. 2629, 4337
Robinson, S. P. 1831, 2699, 3984, 6206, 8657, 12674
Robinson, W. A. 3283
Robinson, W. B. 12668
Robison, M. M. 1125
Robitaille, G. 7549
Robotham, B. G. 8655
Robson, A. D. 1471
Robson, P. R. H. 2842, 9947
Robutti, J. L. 11356
Roby, D. 7279
Roca, A. 3404, 9340
Roca, W. 12561
Roca, W. M. 2509, 10556
Rocchetta, G. 11681
Rocchetti, G. 7894, 7909
Rocha, V. S. 4823
Rochaix, J. D. 2021
Roche, B. M. 1887, 9792
Roche, P. 7362
Röcher, T. 7492
Rod, J. 2530
Rode, A. 1273, 4006, 11237
Röder, M. 11254
Röder, M. S. 11246
Roder, W. 5869
Rodermel, S. 5546
Rodermel, S. R. 11528
Rodgers, M. 11609
Rodier, F. 4856
Rodier-Goud, M. 8762
Rodler, R. 12867
Rodova, M. 11242
Rodrangboon, P. 5894
Rodrigo, J. 2675
Rodrigues, G. C. 10066
Rodrigues, G. H. S. 4785
Rodrigues, G. S. 12028
Rodrigues-Pousada, C. 4796
Rodríguez, D. J. de 11917
Rodriguez, F. 2509, 12561
Rodriguez, H. 2831
Rodríguez, H. A. 6302
Rodríguez, I. 2495
Rodríguez, M. C. 5037
Rodriguez, P. 5830
Rodríguez, P. A. 8960, 9071, 9640
Rodríguez, R. 1805, 11559, 12893
Rodríguez, R. H. 10789
Rodriguez, R. L. 12610
Rodríguez, S. 1835, 5808

Rodríguez, Y. 9640
Rodríguez Cedeño, E. 10724
Rodríguez-del-Bosque, L. A. 2381
Rodríguez-Garay, B. 1982
Rodríguez Herrara, S. 3477
Rodríguez Mastrapa, O. 10724
Rodríguez Ontiveros, J. L. 3353
Rodríguez-Oubiña, J. 1087
Rodríguez-Ouijano, M. 153
Rodríguez-Palenzuela, P. 193
Rodríguez Pérez, J. A. 3030
Rodríguez-Ramos, R. 8000
Rodríguez-Saona, L. E. 10538
Rodriño, A. P. 12483
Roe, J. L. 7833
Roebroeck, E. J. A. 12014
Roeckel, P. 7463
Roeckel-Drevet, P. 856, 11099
Roelants, W. 9703
Roelofs, D. 567
Roelofs, F. P. M. M. 661
Røen, D. 6174
Roesler, K. 9669, 12817
Roeven, R. 12441
Roffey, R. A. 2021
Rogan, G. J. 6353
Rogati, P. 12991
Rogelio Aguirre, J. R. 6042
Rogers, D. L. 5328
Rogers, E. E. 7844, 11193
Rogers, H. J. 6625
Rogers, M. E. 8236
Rogers, R. W. 4760
Rogers, W. J. 1414, 5641
Rogl, S. 11600
Rognli, O. A. 1328, 4772
Rogowsky, P. 5033-5034
Rogowsky, P. M. 11346
Roh, J. H. 6293
Roh, M. 12015
Roh, M. S. 3088-3090, 3093-3094, 3142
Roh JaeHwan 6293
Rohani, O. 7501, 12750
Rohde, A. 9791, 12870
Rohde, W. 3804, 6204, 7230
Rohman, M. 10886
Rohman, P. C. 5875
Röhner, U. 11005
Röhrig, E. 4180
Röhrig, H. 4119
Roig, L. A. 6157
Roik, N. V. 8677
Roitsch, T. 7066
Rojas, A. 3683
Rojas, G. 6535
Rojas, R. 2828, 4108
Rojo, E. 8383
Rokka, V. M. 11598
Rola, H. 1382
Rola, J. 1473, 1794
Rolando, C. 10918
Roldán, M. 9970
Rolev, V. S. 2123
Rolfe, B. G. 432, 11338
Rolfe, S. 3864
Roll, J. 9693
Rolland, A. 11609
Rollins, R. C. 9692
Romagosa, I. 1287, 4584, 6748, 9170
Romancer, M. le 7232
Romani, G. 3221
Romanko, R. R. 7741-7742
Romann, H. 2701
Romano, A. B. de 10800
Romanov, G. 11142
Romanova, A. A. 2243
Romanova, I. M. 10167-10168
Rombaldi, C. V. 7335, 7397
Rome, S. 12455
Römer, W. 4849
Romera, F. 9181
Romera, F. J. 105
Romero, C. 1345, 3312, 4081, 9749
Romero, G. A. 8890
Romero, L. C. 4818
Romero, M. 4019, 4022, 4025
Romero, M. P. 1344
Romero-Aranda, R. 5150
Romero M., C. E. 9923
Romero Romero, M. A. 810
Romesh Chand 13030
Romeu, A. 3683
Römheld, V. 2575, 3491, 4506
Rominger, E. 688
Romme, W. H. 10916
Rommens, C. 11645
Romoero, M. I. 8212
Romojaro, F. 603
Ron, A. M. de 2456, 6045, 12483, 12486
Ronald, P. C. 340, 3631, 4741, 6636, 7299
Rong, Z. J. 10644
Rong ZunJie 10644
Ronga, G. 7898, 7904, 10124
Ronin, Y. I. 92
Ronsheim, M. L. 569
Rooijen, G. J. H. van 11804
Rooney, L. W. 4609, 6968
Rooney, M. F. 60
Rooney, W. L. 5978
Roos, E. E. 5809
Roos, K. de 10861
Roose, M. L. 1434, 4341, 6126, 8521, 12689-12690
Roossinck, M. J. 23, 928
Rooyen, A. van 2526
Roozeboom, K. L. 11540
Roquib, M. A. 2477
Rorat, T. 2501
Rosa, A. di 1072, 10009
Rosa, G. de 7309
Rosa, G. la 2714
Rosa, L. de la 2416
Rosahl, S. 1569
Rosales, F. E. 4341, 10720, 10729
Rosales A., J. 12704
Rosales A., M. 12704
Rosales-Serna, R. 6048
Rosamond, J. 9107
Rosati, C. 7657
Rosati, P. 3972, 5118
Rosato, C. 7520
Rosato, M. 264, 1360, 3461, 10176-10179
Roscoe, T. J. 8974
Rose, A. B. 6632, 6654
Rose, I. A. 7126
Rose, J. K. C. 11642, 12605
Rose, M. E. 9446
Rose, R. J. 1441
Roselli, G. 752, 5115, 12047
Rosellini, D. 3189, 3689, 12414
Roselló, S. 2614, 5042
Rosenberg, A. 2956
Rosenberg, C. 2460
Rosenberg, L. A. 11332
Rosenow, D. T. 3534
Rosenthal, J. P. 10265
Roser, I. 11736
Röser, M. 1890, 5966, 7634
Roshchina, V. V. 4161, 13004
Rosi, P. 10178
Rösicke, H. 12032
Roskov, Yu. R. 4338
Rosonina, E. 1239
Rosquin, I. J. 889
Ross, A. 12880
Ross, D. A. 12660
Ross, E. M. 10849
Ross, G. S. 5080, 10658
Ross, J. H. E. 7453, 8273, 10765
Ross, J. J. 2461, 12187
Rossetto, C. J. 7163, 9639
Rossetto, M. 12858
Rossi, A. C. 7415
Rossi, C. 5484
Rossi, G. 5959, 9333
Rossi, I. 5478, 9901
Rossi, L. 11153
Rossi, M. 604, 6134
Rossi, P. 5309
Rossi, S. 3726
Rossi, V. 2816, 9197-9198
Rossi, V. D. 12744
Rossi, W. 1092
Rossiello, R. O. P. 10333
Rossignol, M. 1852
Rossin, N. 2844
Rossini, L. 9260
Rossini, M. C. 7143
Rossiter, M. C. 4436
Rossnagel, B. G. 4563, 9168, 12290
Rosso, F. 2806, 2817
Rosso, M. 6240
Rostad, H. P. W. 1256
Roşu, A. 4937, 5019
Roth, D. A. 12204
Roth, K. 10072
Roth, R. 1365, 12907
Rothan, C. 9561
Rothe, G. M. 998
Rothen, B. 1848
Rother, R. 1950, 8815
Rothnie, H. 866
Rothnie, H. M. 3176
Rothstein, S. J. 1777, 5622, 8434, 10584
Rothwell, P. 4354
Rotino, G. L. 2604, 3887, 12616
Rotonda, G. la 2484
Rottinghaus, G. E. 12424
Rottmann, W. H. 12872
Rouamba, A. 4951, 6109
Rouau, X. 6740
Roubelakis-Angelakis, K. A. 770, 2698, 12924
Roudeillac, P. 6199, 10694, 12663
Rougé, P. 6105, 7633, 9623-9624, 11765, 13005
Rougier, M. 1241, 3462
Roulund, H. 1008, 5319
Roumet, P. 9381
Roundy, B. A. 7751
Rounsley, S. 9004
Rounsley, S. D. 5535
Roupakias, D. 6035
Roupakias, D. G. 11129
Rouquet, L. 4031
Rouse, R. 3970
Rouse, R. J. 8502
Roush, R. T. 1609
Rousi, M. 2929, 5279, 10897
Roussel, H. 13042
Rousselin, P. 4059
Rousselle, G. L. 3924
Rousselle-Bourgeois, F. 4897
Roussis, A. 12473
Roussy, I. 7546
Roustan, J. L. 10703
Roustan, J. P. 642, 12628
Rouster, J. 6782
Rout, G. R. 974, 4654, 6996, 10518, 10940, 12979, 13037
Routaray, B. N. 525
Rouvès, S. 8014
Rouwendal, G. J. A. 8689
Roux, C. 7572
Roux, H. 6810
Roux, S. 3417
Roux, S. J. 12501
Roux, Y. 12873
Rouzé, P. 1202, 4371
Roversi, A. 11702
Rovira, M. 4019, 4025
Rowe, P. 4341, 10720-10721, 10729
Rowland, L. J. 3960, 9604, 12852
Rowland, R. A. 9541
Rowley, J. R. 8847
Rowley, J. S. 8847
Roxas, N. J. L. 7683
Roy, A. 9673, 13034
Roy, A. K. 12299
Roy, H. S. G. 10609-10610
Roy, K. 10329
Roy, M. 8485, 8491
Roy, P. le 12086
Roy, S. C. 9886
Roy, S. K. 7450, 10481
Roychowdhury, S. 10565
Royo, C. 4584, 6870, 10133
Royo, J. 193, 1569
Royo, J. B. 12675
Royse, D. J. 6556
Roytchev, V. 12673
Rozbicki, J. 2238
Rozenberg, P. 10974
Rozhkov, Yu. I. 9059
Rozman, L. 3432, 11345
Rozov, S. M. 9445
Rozpara, E. 11726
Rozynek, B. 4490
Ruan, D. L. 4741
Ruan, X. G. 9767
Ruan, Y. L. 2229, 9553
Ruan DeLing 4741
Ruan XiGen 9767
Ruan YiLi 2229
Ruaro, G. 3723
Ruas, C. F. 7548
Ruas, P. M. 7548
Rubanovich, A. V. 11023
Rubatzky, V. E. 12557
Rubenthaler, G. 158
Rubenthaler, G. L. 12255
Ruberti, I. 9985
Ruberto, G. 10741
Rubiales, D. 4464, 6684, 6799, 6836
Rubilol, A. 2240
Rubin, B. 4541
Rubin, E. 5729
Rubino, D. B. 4249
Rubino, L. 1863
Rubio, A. 9170
Rubio, P. 6858
Rubiolo, P. 7688
Rucińska, M. 1710
Ruckenbauer, P. 5646, 8279, 9615, 12105
Rücker, B. 835
Rücknagel, K. P. 9438
Rudd, J. J. 1106
Ruddock, A. 843
Rudenko, G. N. 5726
Rudenko, M. I. 8045
Rudolph, P. E. 3248
Rudranaik, V. 8600
Rudraradhya, M. 11403
Rudyka, E. G. 3664
Rueb, S. 5883
Rueger, B. 5666
Ruegger, M. 9026
Ruehle, J. 3072
Ruel, J. J. 2928
Ruetz, W. F. 6393
Rufener, G. K. 6254
Ruff, R. L. 4842
Ruffio-Châble, V. 7281
Ruffoni, B. 6465
Rugge, B. A. 3031
Ruggeri, S. 9493
Rugh, C. L. 994
Rugini, E. 7394, 12099, 12756
Ruhi Kanwar 11807
Rui, M. 4476
Ruijs, G. J. 73
Ruissen, M. A. 1631
Ruiter, R. K. 4909, 8377, 9533, 10531
Ruíz, J. J. 6230
Ruiz, M. 143, 2120, 4498, 8029
Ruiz, M. de los A. 8106
Ruiz, M. L. 1317
Ruiz, R. G. 3688, 9446
Ruiz, T. E. 2303
Ruíz-Fernández, J. 5662
Ruíz-Zapata, T. 11998
Rukavina, H. 3155
Rukavtsova, E. B. 6484
Ruman, T. 781, 12667
Rumyantseva, L. 8749-8750
Running, M. P. 1219, 5412
Ruoss, B. 11597
Ruotsalainen, S. 5315
Rupa Goswami 4295
Rupela, O. P. 450
Rural Advancement Foundation International 6601, 7776
Rus-Kortekaas, W. 5006
Ruser, R. 3382
Rush, M. C. 4716
Rush, S. L. 7253, 9527

Rushforth, K. 11011
Rushforth, K. D. 6379
Rushton, P. J. 3129
Ruso, J. 2763
Russell, D. A. 6915
Russell, D. W. 9008
Russell, J. R. 896
Russell, K. 11714
Russell, K. A. 4589
Russell, P. F. 12631
Russell, S. D. 3263, 5456, 9726, 10855
Russell, S. J. 2959
Russin, J. S. 10432, 11365
Russin, W. A. 275
Russo, G. 1754
Russo, M. 1863, 12102
Russo, M. P. 10744
Russo, S. 6999, 7001
Russo, V. E. A. 12063
Rustan, Ø. H. 4086
Rustichelli, C. 2914
Rüterjans, H. 9550
Rutgers, E. 2493, 11596
Rutherford, S. M. 2098
Rutledge, B. 12890
Rutledge, D. N. 6207
Ruzgas, V. 11232
Ruzsányi, L. 5229
Ryals, J. 5251, 6609, 7842, 9993
Ryals, J. A. 1221, 2047
Ryan, C. 1189
Ryan, C. A. 592, 611, 3885-3886, 12602
Ryan, J. 7982
Ryan, P. R. 10073
Rybak, D. A. 2516
Rybczyński, J. J. 8851
Rybka, K. 5934
Rybtsov, S. A. 3753
Rychtárik, J. 6821
Rycke, R. de 4377
Ryczkowski, M. 8870
Rydberg, I. 4872
Rydelius, J. 2989
Rydén, M. 1978
Ryder, C. 7362
Ryerson, D. E. 10506
Rylander, J. 12003
Rymerson, R. T. 825
Ryschka, U. 1613
Rytter, J. L. 1724
Ryu, D. D. Y. 10293
Ryu, H. Y. 10340
Ryu, J. B. 1065
Ryu, J. D. 7059
Ryu, J. H. 8399
Ryu, K. H. 923
Ryu, S. B. 1495
Ryu, S. Y. 11625
Ryu, Y. H. 6002-6005
Ryu HwaYung 10340
Ryu JaeDang 7059
Ryu JangBal 1065
Ryu JeomHo 8399
Ryu KiHyun 923
Ryu SeungYeol 11625
Ryu YongHwan 6002-6005
Ryves, T. B. 1147
Saab, I. N. 12321
Saad, A. M. M. 7961
Saad, S. 11776
Saada, D. 12701
Saadan, H. M. 4346, 4650
Saadia Lhaloui 6767
Saalbach, G. 6240
Saarelainen, R. 9163
Saarikoski, P. 11940
Saat, T. A. W. M. 8982
Saavedra, J. L. D. 4635
Sabala, I. 6418, 9802
Sabancı, C. O. 8240
Sabar, M. 9725
Sabater, B. 9970
Sabatini, S. 6195
Sabbatini, I. 7375, 8492-8493
Sabelli, P. A. 2104, 9188
Sabharwal, P. S. 1385, 12785
Sabino, J. C. 6692, 9639
Sabino, N. P. 7603
Sablayrolles, J. M. 10703
Sabri, N. 247, 10129
Sabry, S. R. S. 3301
Saccardo, F. 4879, 5036, 12096
Sacco, F. 8001
Saccone, C. 1168
Sachan, A. K. 2427
Sachs, M. 5703, 10139
Sachs, M. M. 5827, 12321
Sack, F. 12145
Sackville Hamilton, N. R. 11471-11472
Sacristán, M. D. 1203, 1792, 6641
Sadanandam, A. 1534, 8370
Sadashiva, A. T. 2596
Sade, B. 11071
Sadek, I. M. M. 5603
Sader, R. 6014-6015
Sadhu, D. 10050
Sadhukhan, R. N. 10329
Sadie, J. 3005
Sadinov, S. I. 2517
Sadiq, M. 1559-1563, 1573-1574
Sadiq, M. S. 7985
Sadovodstvo i Vinogradarstvo 762
Sadowska, J. 3762
Sadowski, J. 4034
Sadowsky, M. J. 2429
Sadras, V. O. 9772-9773, 11910
Saedler, H. 1072, 7671, 9845, 10009, 12150
Saeed, H. 157
Saeed, N. 157
Saeed, N. A. 5256
Sáenz, M. T. 568
Safarnejad, A. 1445
Safranski, G. G. 2204
Sagar, M. A. 12393
Sagar, P. 3564
Sage-Ono, K. 1952
Sagers, J. B. 11369
Saghafi, F. 10691
Saghai Maroof, M. A. 1314, 2435, 3586, 4668, 4678, 5674, 5893, 8143, 12372
Sági, F. 2192
Sagi, L. 10725
Sagi, M. 4560
Sağlamer, M. 689
Sagwal, J. C. 9671, 12494
Sah, J. N. 6244
Sah, S. S. P. 626
Saha, A. 2339, 12842
Saha, D. 12204
Saha, P. K. 9673
Sahagún Castellanos, J. 3157-3158, 3431, 4352, 5698-5699
Sahane, D. V. 3563, 3781, 11394
Sahavacharin, O. 12691
Sahbaz Ahmad 3322
Sahi, A. N. 2519, 3111
Sahi, S. V. 7583
Sahlström, S. 7977
Sahoo, K. M. 8171
Sahoo, S. 7739, 9897
Sahoo, Y. 1743, 10711
Sahsah, Y. 10803
Sahu, A. 10602
Sahu, G. R. 7058
Sahu, R. K. 7058, 12406
Sahu, S. M. 11439
Said Rehman 4088
Saidak, L. R. 11921
Saidman, B. O. 7638
Saifulla, M. 388, 5939
Saifuzzaman, M. 7934
Saiki, H. 11876
Saikia, A. K. 1422
Saikia, J. 3909-3910
Saikumar, R. 6934
Saile-Mark, M. 9433
Sailland, A. 11609
Saimbhi, M. S. 9577
Sain Dass 6937
Saindon, G. 1509
Saini, D. P. 11415
Saini, G. S. 10828
Saini, H. S. 2149, 6720, 10011, 10048
Saini, M. L. 5491-5492
Saini, R. G. 2353, 11288, 11446
Saini, R. S. 8175
St. Amand, P. C. 8455
St. Martin, S. K. 6011, 10417, 10442
St. Pierre, C. A. 6896
Sainz, M. B. 9231
Saione, H. 8001
Sairam, R. K. 11279
Sairam, R. V. 3547
Saito, A. 18-19, 7636
Saito, C. 9812, 12813
Saito, H. 5219
Saito, K. 2257, 2837, 3846, 4123, 5923, 6124, 7337
Saito, S. 7429, 8131
Saito, T. 666
Saito, W. 7413
Saitoh, C. 5933
Saitou, Y. 4418
Saiz, J. F. 12837
Saji, S. 348, 12368
Sajini, K. K. 12749
Sakabe, M. 9875
Sakaguchi, K. 9906
Sakai, A. 2703, 4441, 6322, 7744, 9524, 9812, 12813, 12887
Sakai, F. 8728
Sakai, M. 7002, 12470
Sakai, S. 4441, 4832, 6000-6001
Sakai, T. 7557, 10559
Sakakibara, H. 2250, 6916, 12320
Sakakibara, Y. 343
Sakamoto, K. 49, 2100, 4000, 12586
Sakamoto, S. 1346
Sakamoto, W. 81, 3209, 6631
Sakata, Y. 4894, 7212, 7333, 10522, 10618, 12624
Sakhare, R. S. 9361
Sakiyama, F. 666-667
Sáková, L. 406, 4051
Sakowicz, T. 10385
Sakr, M. M. 5044
Sakuma, Y. 1124, 4168
Sakuno, T. 8728
Sakunthala, V. A. 2776
Sakurai, A. 5933
Sakuramoto, F. 6519
Sala, C. A. 10800, 11483
Sala, E. 11755
Sala, F. 969, 2319
Salah-Ud-Din, S. 4505
Salak-Warzecha, K. 6852
Salak-Warzecha, S. 3407
Salama, A. M. 2633
Salama, D. A. 3341
Salamini, A. 2258
Salamini, F. 2249, 2256, 3804, 4254, 4264, 4356, 6798, 6913, 8385, 8673, 9098, 9221, 9232, 9508, 9707, 12005, 12176, 12314
Salanoubat, M. 9004
Salar, N. A. 7959
Salas, A. 12538
Salas, G. 10398
Salava, J. 834, 7437
Salazar, E. 4081
Salazar, F. 3512, 3516
Salcedo, G. 1272, 1283
Salchert, K. 5704
Salducci, X. 12455
Sale, M. M. 4164
Sale, P. W. G. 428
Saleem, A. 1668, 1815
Saleh, M. T. 1695
Saleh, N. 6280, 6283
Saleh, N. M. 7498-7499
Salehuzzaman, S. N. I. M. 12563
Salem, M. M. 5072
Salentijn, E. M. J. 6305
Salera, E. 2758
Salerno, G. 8135
Salesses, G. 9597
Salfetnikov, A. A. 2409
Salgado, J. M. 7195
Salgado, J. P. 9668
Salgado, J. S. 2312
Salgado-Garciglia, R. 3115
Salibe, A. B. 5151
Salick, J. 8397
Salier, J. P. 6614
Salimath, P. M. 6977, 7190, 7491, 8729, 11115
Salin, M. L. 3604
Salinas, A. D. 9497
Salinas, A. R. 4838
Salinas, N. 3479
Säll, T. 887, 4033, 8680
Sallam, A. A. A. 5044
Sallaud, C. 4791, 5979, 8228
Salles de Hys, L. de 7576
Salm, T. P. M. van der 2063, 6456
Salmeri, C. 6111, 12580
Salmeron, J. 11645
Salmon, D. F. 6776, 6857, 6869
Salomon, B. 4774
Salomonson, A. 3258
Salomonsson, A. C. 212
Salon, P. R. 6952
Salonen, M. 2970
Salovaara, H. 142
Salter, A. H. 2021, 2021
Salunke, C. B. 6967
Salunke, J. S. 8342
Salunkhe, G. N. 3819, 11615
Salvador, A. 6157
Salvador, R. 8081
Salvadore, G. 7890, 7911
Salvaterra, I. 11681
Salvi, G. 12094
Salvi, S. 9233-9234
Salvucci, M. E. 2884
Sam, C. 2732
Sam, O. 6678
Sam McGredy Roses International 1927
Samac, D. A. 12441
Samach, A. 9039
Šamaj, J. 1110
Samaj, J. 9785
Samal, B. 5161
Samal, K. M. 7188-7189, 8306, 8308
Samancı, B. 3474
Samantaray, S. 974, 4654, 6996, 10518, 10940
Samardjieva, K. 5649
Sambai, L. M. 9447
Sambandamoorthy, S. 5169
Sambanthamurthi, R. 1817
Samblanx, G. W. de 5572
Sambo, P. 2815
Samborska-Ciania, A. 4798
Samejima, M. 8155
Samimy, C. 2367
Samobor-Galović, V. 2180
Samonte, H. P. 8158
Samoto, S. 9291
Samovol, A. P. 6135
Samoylov, A. M. 7257
Samoylova, T. I. 2093
Sampa Das 8336
Sampoux, J. P. 2241
Sampson, H. A. 4375
Sampson, J. F. 13051
Sams, C. E. 3961
Samsidar Hamzah 8760
Samson, B. K. 385, 12332
Samson, M. F. 2176
Samson, N. P. 7550, 12434
Samsudeen, K. 11075
Samuel, C. J. A. 1016
Samuel, D. 9141
Samuels, T. D. 9147
Samuelsen, A. I. 9733
Samuelsson, G. 12869
Samui, R. C. 6265
Samyn, G. 1919
San, H. 3125
San Martín, C. 5016
San Miguel, P. 6917
Sanada, T. 11680

Sanada, Y. 8173
Sancak, C. 7119, 7968, 9363
Sanchayita Kar 8336
Sánchez, C. 1128
Sánchez, E. 2274
Sánchez, F. 4859
Sánchez, I. 4895-4896
Sánchez, P. 3736
Sánchez, R. A. 6328
Sánchez, T. 3737
Sánchez-Beltrán, M. J. 8249
Sánchez Campos, H. 3434-3435
Sánchez-Casas, P. 1861
Sánchez de Jiménez, E. 10199
Sánchez García, I. 11033
Sánchez Gómez, P. 3127
Sánchez González, J. de J. 3281
Sánchez Jiménez, E. 10197
Sánchez-Lafuente, A. M. 10804
Sánchez Martinez, E. 7611
Sánchez-Monge, E. 6812
Sánchez-Monge, R. 1283
Sánchez-Serrano, J. J. 1569, 8383
Sánchez-Tamés, R. 7707
Sanchis, V. 12828
Sanda, S. 6652
Sanda, S. L. 2097
Sanda-Kamigawara, M. 1098
Sandager, L. 3369
Sandal, N. N. 6305
Sandberg, G. 4122, 4169, 10858
Sandbrink, J. M. 3098, 5473, 6110, 6500, 8671
Sande, K. van de 11880
Sandeep Kumar 10913
Sandei, L. 5022
Sander, L. 4032
Sandermann, H., Jr. 6544, 9934, 10699, 12854
Sandermann, J., Jr. 12312
Sanders, D. 70
Sanders, D. E. 8746, 9315
Sanderson, M. A. 3554, 11389
Sanderson, M. J. 4811
Sanderson, S. C. 8190
Sandha, G. S. 1821, 11791-11792, 11815, 12718
Sandhu, B. S. 11902, 12830
Sandhu, D. 10828, 11574
Sandhu, J. S. 1539, 1549, 10482
Sandhu, S. S. 1549
Sandhu, T. S. 1549, 7194, 8341
Sandhya, B. 11074
Sandhya Rawat 7471
Sandmeier, M. 10280
Sandoval, R. F. R. 589, 3068
Sandré, C. 12877
Sane, A. P. 6964
Sane, P. V. 6964, 7805
Sanei-Shariatpanahi, M. 9614
Saneoka, H. 3535
Sanford, D. A. van 130, 5650, 10051
Sanford, J. 9643-9644
Sanford, J. C. 9642
Sanford, K. A. 2697
Sanford, L. L. 6095, 8391
Sang, C. K. 1960
Sang, J. Z. 755
Sang, T. 3278
Sang ChaeKyu 1960
Sang JianZhong 755
Sang Tao 3278
Sangar, R. B. S. 10545
Sangare, A. 8766
Sangduen, N. 7040
Sangeeta Khetarpal 2467
Sänger, H. L. 11140
Sangha, A. S. 1821
Sanghamitra Nayak 5469
Sanghamitra Saha 6068
Sangoi, L. 8081
Sanguineti, M. C. 2265, 9233-9234
Sangwan, M. S. 2613
Sangwan, N. K. 3381
Sangwan, R. S. 3776, 7358, 7546, 9846, 10771
Sangwan-Norreel, B. S. 7358, 7546, 9846, 12504
Sanier, C. 12091
Sanint, L. R. 2349
Sanjay Poddar 1525
Sanjeev Kumar 1757
Sanjeev Thakur 1154
Sanjogta Uppal 5639
Sankar, G. R. M. 6966
Sankara, P. 6287
Sankaranarayanan, R. 1108, 5169
Sankarapandian, R. 10268, 11384
Sankawa, U. 4810
Sankhla, D. 6153
Sankhla, N. 6153
SanMiguel, P. 3455, 4627, 9087, 10029
Sannia, G. 9902
Sano, H. 4121
Sanou, J. 8089
Sansavini, S. 2663, 7374, 7376-7377, 10662, 11688
Sansdrap, A. 10655
Santa-Cecília, L. V. C. 6147
Santa Cruz, A. 609
Santa Cruz, S. 2834, 2855
Santalla, M. 2456, 6045
Santamour, F. S., Jr. 3009
Santana, E. F. 10452
Santana, J. C. F. de 10867
Santana M., F. 12704
Santangelo, I. 12644, 12688
Sant'Anna, R. 6972
Santarem, E. R. 12109
Santes, C. M. 4046
Santhakumari, S. 2790
Santhoshlal, P. S. 9299
Santiago, I. 1349
Santilocchi, R. 6954, 10266
Santini, J. B. 5863
Santino, C. G. 7314
Santomauro, A. 2702
Santoni, V. 9018-9019
Santos, A. L. C. dos 11401
Santos, J. A. C. 6905
Santos, J. A. dos 7407
Santos, J. B. dos 11655
Santos, J. L. 187, 1345, 3365-3366
Santos, J. P. 6949
Santos, L. 11826
Santos, M. 296
Santos, M. A. 5830
Santos, M. O. 9050
Santos, M. P. 7293
Santos, M. X. 3498
Santos, M. X. dos 3445, 3501
Santos, N. R. Z. dos 4955
Santos, R. C. dos 10811
Santos, R. R. 1420
Santos, R. R. dos 6692, 6696
Santos Silva, T. R. dos 9868
Santosh, K. 12205
Santoso, B. 2965
Sanz, C. 1569, 6201
Sanz-Burgos, A. P. 245
Sapountzakis, G. 2619, 2644
Sapra, R. L. 12571
Săpunaru, T. 311
Saputro, S. E. 11852
Sara, R. G. 12251
Sarada, P. 9224
Saraf, R. K. 1118
Sarah, J. L. 10733
Saraiva, L. S. 3840, 9435
Sarala, B. S. 11986, 12769
Sarandón, S. J. 128
Sarangi, P. K. 10887
Sarasan, V. 12963
Sarasvat, C. V. 5296
Saraswathi, R. 325
Saraswathi, T. 1676
Sarath, G. 11578
Saratlić, G. 233
Saratlich, G. 233
Saravjit Singh 1539
Sarawgi, A. K. 11425, 12386
Sarca, T. 8069
Sarda, X. 9935
Sardana, H. R. 5216
Sardana, P. K. 6070
Sárdi, É. 484
Sargar, P. 6992
Sargent, H. R. 5851
Sarhan, F. 6750
Sari, N. 154-155, 6159
Sarı, N. 10622
Sari El-Deen, S. A. 12762
Sari-Gorla, M. 3271, 4601, 6682, 6926
Saric, M. 12267
Saric, Z. 12267
Sarjit Singh 11850
Sarkar, A. 9622, 11762
Sarkar, C. R. 12397-12398
Sarkar, K. K. 1286, 9491, 10050
Sarkar, K. P. 1874
Sarkar, K. R. 6925, 8084
Sarkar, R. K. 2357
Sarkarung, S. 112, 385, 5929
Sarker, A. 9360
Sarker, D. de 11629
Sarker, K. P. 1992
Sarker, S. 3559, 4493, 4641, 11400
Sarlach, R. S. 1539, 11574-11575
Sarli, G. O. 128
Sarma, B. K. 8580
Sarma, D. 12373
Sarma, M. K. 4719
Sarma, M. S. 7614
Sarmiento, C. 8273
Sarni-Manchado, P. 11749
Sarobol, E. 2365
Sarr, A. 325, 4951, 5291, 6109, 6989
Sarrafi, A. 171, 2168, 3355, 4062, 4553, 7969, 7978, 11817
Sarraj, W. M. 3662
Sarria, R. 1176
Sartaj 317
Sartaj Khan 282
Sartorato, A. 487, 1517-1518
Saruyama, H. 10546
Sarvesh, A. 11844
Sarvjeet Singh 1535, 6064, 8341, 9478, 12519
Sarwar, C. D. M. 7115, 9360
Sarwar, M. 7473
Sasabe, M. 8140
Sasahara, T. 2344, 4936, 7046, 9387, 11429
Sasaki, A. 6766, 10038
Sasaki, H. 4638, 8155, 11677
Sasaki, T. 144, 1396, 2315, 4671-4672, 4677, 4743, 7801, 8130, 9287, 10063, 10297, 10316, 12363, 12370
Sasaki, Y. 1033
Sasakuma, T. 9110
Sasamoto, H. 6364
Šašek, A. 2218, 2220, 3330, 3693, 9126, 10064, 11261
Sashi Banga 11791
Sasikumar, B. 1117, 9089
Sasmal, B. C. 2905
Sassa, H. 11676, 11782
Sasser, P. E. 2857, 2891
Sastrowijono, S. 11846
Sastry, V. M. V. S. 1555
Satagopan, J. M. 4433
Šatarić, I. 237
Satarova, T. N. 10232
Sathasivan, K. 2039
Satheeshan, K. N. 1761
Sathiamoorthy, S. 1753
Sathik, M. B. M. 8771
Sathiyamoorthy, P. 4445
Sathyan, B. A. 2387
Sathyanarayanan, P. V. 3584
Sathyaprakash, V. 7550
Satija, C. K. 2474, 11325, 11584, 11586
Satija, D. R. 2745, 12344, 12516
Sato, A. 10700
Sato, F. 7571
Sato, H. 5904, 10314, 10318, 11431
Sato, K. 8047, 10122, 11320
Sato, M. 347, 10559
Sato, R. 8991
Sato, S. 2441, 4710, 6036, 8393, 9991, 11314
Sato, T. 2594, 3630, 3815, 4187, 9306, 10583
Sato, Y. 666, 2334, 9741, 9832
Sato, Y. I. 7050
Satoh, H. 665, 11419, 11431
Satoh, J. 5627
Satoh, K. 12134
Satoh, S. 9514
Satoh, T. 9905
Satoh, Y. 12578-12579
Šatović, Z. 2030, 3155, 3719, 3721
Satpute, G. 8333, 8335
Satpute, M. R. 11589
Satrabhandhu, A. 12691
Satriani, A. 6969
Satta, Y. 827
Satterfield, K. 8021
Satwinder Kaur 1787
Satya Vir 7539
Satyanarayana, A. 4883, 9471
Satyanarayana, E. 6934
Satyanarayana, N. 893
Saubhik Das 9523
Sauer, H. 11994
Sauer, N. 5542, 11548
Sauer, W. 4776
Saukel, J. 8912
Săulescu, N. N. 6811, 6899, 12238, 12265
Saumtally, S. 8666
Saunders, J. A. 7134
Saunders, J. W. 891
Saunders, K. 8704, 10866
Saunders, P. 5513
Saunders, R. M. K. 11065
Saunier, R. 11693, 11695
Saur, L. 4527
Sauter, M. 4371, 5882
Sautière, P. 2677
Sautter, C. 1848
Sauve, R. 12923
Savage, L. 9669, 12817
Savaldi, S. 6330
Savaskan, C. 11247
Savchuk, A. V. 6084
Savery, M. A. 12360
Savidan, Y. 5843
Savides, L. 7285
Savidov, N. A. 4560
Savini, G. 11740
Savithramma, D. L. 7067, 10502, 11426, 11590
Savithri, K. E. 1545
Savka, M. A. 11891
Savolainen, O. 1902, 11170
Savouré, A. 4371, 5979, 6658
Savu, G. 516
Saw, P. L. 1637
Sawa, S. 11169
Sawabe, T. 1132
Sawada, H. 9350, 10380
Sawahel, W. A. 36, 8164
Sawant, D. S. 11404, 11421-11422, 12399
Sawasaki, E. 3502
Sawazaki, E. 6943, 10261
Sawhney, R. N. 4534, 5657
Sawhney, V. K. 7682, 8565
Sawicki, J. 452, 456
Sawor, Z. 3790
Saxena, A. K. 3121
Saxena, H. K. 12402
Saxena, K. B. 9468, 9473-9474, 9480, 9485, 10493
Saxena, K. G. 2027
Saxena, M. C. 7192
Saxena, M. M. S. 2778-2779, 7531, 8629
Saxena, P. K. 505, 1049, 5017, 5353, 7662, 9810, 9854
Saxena, V. K. 1351, 2282, 11330
Sayal, O. U. 8733
Sayanova, O. 9876
Sayed, A. I. H. 12549

Sayegh, A. J. 3275, 3971
Sayers, E. J. 5641
Sayre, K. D. 5602, 11266, 11273
Sayre, R. T. 2021
Sazima, M. 7402
Sbrana, V. 10043
Scaglione, G. 7387
Scala, F. 12098
Scalbert, A. 11104
Scambray, J. 3631
Scandalios, J. G. 249, 10242
Scanlon, M. 5758, 5764, 5774
Scanlon, M. J. 8086
Scapim, C. A. 90, 9207
Scaramuzzi, F. 8901
Scarch, R. 5180
Scarpella, E. 5883
Schaal, B. A. 4797, 4799, 9990
Schaalje, G. B. 11281
Schaap, P. J. 11094, 11096
Schaar, W. van der 3358, 11182
Schaart, J. G. 10651
Schachermayr, G. 4536, 5658
Schachl, R. 3156
Schaefer, B. C. 9914
Schaefer, S. C. 105
Schaefers, G. A. 11583
Schaeffer, C. 11934
Schaeffer, G. W. 10330, 12394
Schäfer, E. 596, 1174, 7580, 9891, 9946
Schafer, E. 4110, 10862
Schäfer, S. 11142
Schafer, U. 5622
Schäfer-Menuhr, A. 6088, 10523
Schaffer, A. 9545
Schafferman, D. 1795, 12778
Schallehn, V. 1792
Schaller, A. 592
Schaller, G. E. 3168
Schank, S. C. 2307, 12350
Schantz, M. L. 3891
Schantz, R. 3891
Schapaugh, W. T., Jr. 8290, 11540
Schaper, D. 565
Schärer-Hernández, N. 3246
Scharf, K. D. 9550, 9568
Schaub, U. 1190
Schauerte, M. 11971
Schäuffle, W. R. 4101
Schauser, L. 11510
Scheel, D. 12046
Scheepen, J. van 6496, 9850
Scheepers, D. 2075, 7647
Scheer-Triebel, M. 11913
Scheerens, J. C. 3936, 3970, 8502
Scheffer, J. J. C. 6549
Scheffler, B. 3584
Scheffler, B. E. 250
Scheffler, J. A. 8557, 9657
Scheibe, R. 3844
Scheible, W. R. 8696, 9742
Schel, J. H. N. 8095
Schell, J. 4119, 4415, 5596, 5704, 7520, 7560
Scheller, H. V. 3373
Scheres, B. 5551
Schermann, N. 10979
Scherrer, C. W. 10270
Schertz, K. 5844
Schiavo, G. 10625
Schichnes, D. 12322
Schickler, H. 5704
Schiebel, W. 11140
Schieder, O. 912, 5991, 9352, 11259
Schiefelbein, J. W. 1212, 7841, 9010, 12144
Schiemann, A. 6800
Schierenbeck, K. A. 7631
Schierscher, B. 12074
Schierup, M. H. 1230
Schiff, S. 1996, 8925, 12047, 12412
Schifino-Wittmann, M. T. 2411, 8238
Schilde-Rentschler, L. 11597
Schill, B. 1508, 4846
Schiller, G. 987, 10955, 11980
Schilling, A. G. 4331
Schilling, E. E. 10794
Schilperoort, R. A. 4554, 5883, 12288
Schimleck, L. R. 12859
Schimmel, H. 8894
Schimmel, J. 8894
Schimmelpfeng, H. 5103
Schiocchet, M. A. 559
Schipper, D. 5007
Schippers, M. G. M. 1575
Schirmer, R. 5285
Schirone, A. 985
Schirone, B. 985
Schitea, M. 2392, 8205
Schittenhelm, S. 10603
Schiva, T. 3061
Schlaman, H. R. M. 10851
Schlang, J. 1424, 1840
Schläppi, M. 3454, 5710
Schledz, M. 3076, 9305
Schlegel, R. 3402, 5621, 6806, 11245, 12212
Schlettwein, K. 3248
Schlichting, C. D. 9038, 9054
Schlindwein, C. 8543
Schlösser, E. 4102
Schloupt, R. M. 4952
Schlue, U. 9839
Schmelzer, E. 64, 12854
Schmelzer, G. H. 12346
Schmid, J. 591, 1650, 2084, 5542
Schmidt, C. A. 9394
Schmidt, E. D. L. 3808
Schmidt, E. R. 9921
Schmidt, H. 6253, 6699, 8474, 8557, 9593, 11706, 11728
Schmidt, J. 4119, 12907
Schmidt, M. 3409, 9702, 9705
Schmidt, M. E. 1503, 6020, 9394, 11541
Schmidt, R. 3206, 4910, 5536, 6630, 6633, 9009, 10480, 11196
Schmidt, R. J. 3465, 4589, 6928
Schmidt, T. 2812, 5594, 8672
Schmidt, W. 3493
Schmidt-Bleek, K. 4905
Schmidt Company 12885-12886
Schmidtling, R. C. 1006-1007, 2969
Schmit, V. 6043
Schmitt, F. 7561
Schmitt, J. 9936
Schmitthenner, A. F. 6022, 9415
Schmitz, D. 6913
Schmitz, G. 3409
Schmitz, J. 7230
Schmülling, T. 2846, 6327, 11142, 12819
Schnabel, A. 5295
Schnabl, H. 11818, 11820
Schnable, P. 10201
Schnable, P. S. 1220, 8079, 9222
Schnarrenberger, C. 3842-3843
Schnebly, S. R. 4813, 4834
Schneck, H. 6394
Schneck, V. 6394, 11981
Schneeberger, R. 5774, 12322
Schneerman, M. C. 9242, 10182
Schneerman, M. S. 10183
Schneider, A. 9508
Schneider, C. 2942
Schneider, D. 3861
Schneider, D. K. 3669
Schneider, F. 9182
Schneider, K. 10530
Schneider, K. A. 6048-6049
Schneider, M. 11069, 11194
Schneider, M. H. 6406
Schneider, W. L. 12824
Schneiter, A. A. 7870
Schneitz, K. 12130
Schnell, D. E. 12029
Schneller, J. J. 11051
Schnitzler, J. P. 12854
Schnitzler, W. H. 3809, 9535
Schnorr, K. M. 3704
Schobert, C. 12770
Schoeman, A. S. 803, 11777
Schoemann, L. M. 5456
Schoen, D. J. 101, 1061, 1225
Schoenike, R. 2989
Schöfer, C. 8996
Schöffling, H. 3975
Schofield, J. D. 6742-6743
Scholes, J. 3864
Schollenberger, M. 9153
Scholten, C. T. J. 4972
Scholten, O. E. 5231
Scholten, O. W. 2820
Scholthof, H. B. 7797
Scholthof, K. B. G. 7797
Scholtmeyer, K. 7746
Scholz, F. 2983, 11920, 11971
Scholz, H. 5968-5969, 7093
Scholz, M. 3423
Scholze, P. 1613
Schön, C. C. 11349
Schondelmaier, J. 888, 7090, 8672-8673
Schönfelder, P. 5952
Schönherr, K. 917
Schonhof, I. 4967
Schopfer, C. 11543
Schöpke, C. 7241, 10552
Schori, A. 4837, 7077, 12419
Schorr-Galindo, S. 12576
Schortemeyer, M. 6946
Schoumacher, F. 11153
Schouten, H. J. 6662
Schrader, O. 7264, 8422
Schrader, S. 8394
Schraudner, M. 11892
Schrauwen, J. A. M. 4909, 8377, 9533, 10531
Schreckengost, W. E. 4137
Schreiber, S. L. 477
Schreier, P. H. 8964, 10699
Schreuder, M. E. L. 9560
Schreurs, P. J. W. 12945
Schrire, B. D. 9365
Schröder, G. 4293, 6034, 6527
Schröder, J. 4293, 6527
Schroeder, J. I. 1507, 7836
Schrott, M. 12108
Schubert, B. 9536
Schubert, I. 38, 1512, 1598, 6666, 7352
Schubert, R. 10699
Schubert, V. 10040
Schubiger, F. 8203
Schuch, W. 6139
Schueller, S. K. 11021
Schuhmacher, R. 11364
Schuler, M. A. 491, 6320
Schuler, W. R. 6353
Schulman, A. H. 203
Schultes, N. 10207
Schultheiss, J. 9550
Schultz, D. J. 3024
Schultz, T. F. 10299
Schultze, M. 5979, 11497
Schultze-Kraft, R. 1470, 9358
Schulz, A. 40, 7440
Schulz, F. A. 7408
Schulze, D. H. 2898
Schulze, E. D. 8696
Schulze, J. 192, 10100
Schulze-Lefert, P. 5666, 6798, 7780
Schulze-Muth, P. 4293
Schumacher, K. 8673
Schumann, C. M. 11942
Schumann, E. 10040
Schumann, G. 1613
Schumann, U. 6240
Schünmann, P. H. D. 3321
Schupp, J. M. 9375
Schuster, G. 584, 3841
Schuster, M. 6170, 7352
Schütz, J. P. 2939
Schuurink, R. C. 5672
Schuurman, F. B. 6454-6455
Schwall, M. 2268
Schwappach, B. 7822
Schwartz, S. H. 9029, 10200
Schwarz, G. 4565
Schwarz, M. 7836
Schwarz, P. B. 4555
Schwarz-Sommer, Z. 9845
Schwarzacher, T. 1238, 4482, 10027
Schwarzbach, A. E. 6538
Schwarzbach, E. 2810
Schweitzer, L. E. 3708
Schweizer, D. 8996
Schweizer, P. 10339
Schwendiman, J. 13057
Schwenkel, H. G. 8866
Schwertschlager, J. 11990
Schwind, R. L. 5331
Schwinn, K. 6473, 6487
Schwinn, K. E. 3000, 12007
Scialpi, A. 2579
Sciancalepore, A. 4497
Sciarroni, R. 6195
Scienza, A. 8509, 11755, 12670
Scobbie, L. 6927
Scofield, G. 1070
Scofield, S. 11645
Scofield, S. R. 5038, 5040
Scoles, G. 7442, 10765
Scoles, G. J. 215, 3414, 4563, 6701, 7950
Scolnik, P. A. 42, 4451
Scortecci, K. C. 7829
Scorza, R. 744, 4341, 7385
Scott, A. 1459
Scott, A. W., Jr. 5266
Scott, D. H. 4342
Scott, E. S. 3038
Scott, G. E. 4618
Scott, I. M. 10466, 11133, 12604
Scott, J. E. 7008
Scott, J. W. 1663, 4248-4249
Scott, K. D. 2059
Scott, L. 8078
Scott, M. C. 4252
Scott, N. S. 3130
Scott, R. A. 9368
Scott, R. K. 7990
Scotti, P. A. 10861
Scovel, G. 6416
Scrimgeour, C. M. 9172, 10117
Scurtu, I. 4347, 4873-4874, 5070
Scurtu, M. 5070
Scutt, C. P. 12000
Seal, A. G. 4342, 11760
Sears, B. B. 6462
Sears, E. R. 5620
Sears, L. 13063
Sears, R. G. 5655
Sebastiani, L. 2583, 12744
Šebečić, B. 2180
Šebek, G. 6183
Sebsebe Demissew 13021
Secco, R. de S. 1100
Second, G. 12364
Secor, G. A. 6080
Sedbrook, J. C. 2103
Sedcole, J. R. 8327
Sedda, P. 12753, 12763
Sedego, C. 6988
Sederoff, R. R. 7621, 11958, 12898
Sedgley, M. 3003, 3008, 3026, 3038, 4223, 5170, 5359, 10762, 10900, 12925
Sediyama, C. S. 4823, 7123, 10336
Sediyama, T. 4823
Sedra, M. H. 8532
Seekings, J. A. 5641
Seelye, J. F. 3849, 6466
Seema Jaggi 8091
Seema Khitha 6067
Seenaiah, P. 4883
Seetha, K. 6963, 7193, 9470
Seetharam, A. 1380, 10283
Seetharama, N. 3547
Seetharamaiah, K. V. 8153
Sefc, K. M. 9615
Seferoğlu, G. 742
Seferova, I. V. 3770
Segal, G. 2137, 9105, 11242

Segalini, L. L. 1871
Segers, G. 50
Segovia, V. 3504
Seguel, I. 11481
Séguin, A. 7646
Śeguin, A. 12890
Seguin, M. 948, 8762, 8770
Séguin-Swartz, G. 7457, 10764, 11795
Segundo Reyes, T. 3496
Sehgal, C. B. 7740
Sehgal, K. L. 1288
Sehgal, R. N. 1899
Sehgal, S. 511, 1161, 6599
Sehrawat, K. D. 8246
Seidenfaden, G. 6510-6511, 8891
Seidler, R. J. 4901
Seidler-Łożykowska, K. 4258, 9826, 9872
Seifu, T. 3328
Seigner, E. 11086
Sekera, D. 781, 12667
Sekhar, P. R. 3552
Sekhon, H. S. 11575
Sekhon, R. S. 11574
Seki, H. 7181
Seki, K. 8185-8186
Seki, M. 3202, 7816, 12128
Sekiguchi, K. 2850
Sekimoto, H. 9295
Sekimura, K. 1423
Sekine, M. 7573
Sekioka, T. T. 3890, 12615
Selassie, K. G. 8448
Sellers, W. R. 6923
Sellitti, L. 6969
Selman-Housein, G. 12790
Selvanarayanan, V. 5198
Selvi, F. 5405, 11027
Semeane, Y. 6772
Semenova, T. V. 5693
Semeria, L. 6465
Semikhodsky, A. 5599
Semon, M. 8144
Sen, D. N. 5299
Sen, S. 4297
Sen, S. K. 6065, 8182, 8336, 10342
Şen, S. M. 681-682, 719, 813, 4015
Senadhira, D. 1416, 4657, 4703, 4717-4718, 5927, 5929
Senapati, B. 4752
Senapati, N. 3733, 8306, 8308
Senaratna, T. 6435, 9854
Senauer, B. 7884
Senboku, T. 3838-3839, 4968, 5925, 9524
Senchilo, I. N. 2515
Séne, M. 315
Senecoff, J. F. 5547
Seneviratne, P. 950-951, 9778-9780, 12849
Senft, P. 8057
Sengers, M. M. T. 9554
Senghaphan, R. 5894
Şengonca, M. 3270, 3272
Şengül, H. 8703
Sengupta, D. K. 1981
Sengupta, D. N. 8706, 10335
Sengupta, R. K. 4557
Senhaji, F. A. 724
Senin, V. I. 741
Senior, I. J. 2061
Senior, L. 2266, 10156, 10260
Senior, M. L. 2251, 5706, 5716, 12309
Sensi, E. 6204
Sentenac, H. 6628
Senthil, N. 327, 3541-3542
Seo, H. S. 11405
Seo, J. H. 4602, 9184
Seo, J. T. 11625
Seo, S. 4121
Seo, Y. W. 9161
Seo HakSoo 11405
Seo JongHo 4602, 9184
Seo JongTaek 11625
Seong, J. D. 9827
Seong, N. S. 6526
Seong, Y. K. 6002-6004
Seong JaeDuck 9827
Seong NakSul 6526
Seong YealKu 6002-6004
Sepponen, P. J. 10690
Séquier, J. 12364
Serafini-Fracassini, D. 10656
Seraj, Z. I. 10326
Serdobinskii, L. A. 5790
Sereme, P. 6988
Serena, C. 7893
Sereni, L. 172
Sereno, M. J. C. de M. 8053, 10077
Serezhkina, G. V. 7998
Sergeeva, L. 8378
Serieys, H. 4062, 5187
Serik, O. 6700
Serikawa, K. A. 3208, 7815, 7839
Serini, C. 7893
Serquen, F. 1707
Serquen, F. C. 2067, 2648-2649, 12635, 12637
Serra, M. T. 1862
Serrano, J. F. 4066
Serrano, J. M. F. 11825
Serrano, M. 603
Serrano, R. 1364, 4859, 6157, 9749
Serres, R. 9605
Serry, K. 12137
Serry Koh 12137
Sertić, Đ. 2180
Servaes, A. 12566
Serve, B. T. de la 1078, 3073
Serveau, M. 9809
Servellón, R. E. 5910
Sesar, B. 12214
Seshagiri, R. 6285
Seshu, D. V. 5927
Seskar, M. 4126, 10339
Sessa, G. 6330
Šesták, Z. 2269
Sethi, G. S. 121, 5636, 7876, 11230, 12303
Sethi, S. C. 9
Sethi, S. K. 6725
Sethpakdee, R. 12691
Sethupathiramalingam, R. 326, 12347
Sethuraj, M. R. 8759, 8761, 8771, 8775
Setiady, Y. Y. 7573
Setiawati, Y. G. B. 1001
Setoguchi, Y. 6161
Setter, T. L. 2356, 5929
Setty, T. A. S. 333
Setya, A. 3198
Seul, U. 6085
Seung, Y. K. 9373
Seung YealKyu 9373
Şeurei, P. 12797
Ševčík, R. 10109
Ševčíková, M. 8189
Severin, K. 4112
Severin, V. F. 2688
Sevilla, P. E. 289
Sevilla, R. 3484, 3515, 11351
Sevilla Panizo, R. 3439, 3526, 3532
Sevimay, C. S. 6804, 7119
Sevón, N. 9878
Sewalt, V. J. H. 9732
Sewell, M. M. 10961
Sexton, P. J. 11555
Seyani, J. H. 10749
Seyedyazdani, F. 992
Seymour, G. B. 5595
Seynnaeve, M. 4971
Sfalanga, A. 752, 5115, 8925
Sha, G. L. 5091
Sha, X. Y. 7057
Sha GuangLi 5091
Sha XueYan 7057
Shaanker, R. U. 1809, 8595
Shaban, N. 647
Shabanov, D. 10856
Shabelsky, E. 1795
Shabnam, S. 10369
Shackley, B. J. 11268
Shadakshari, Y. G. 11070
Shaddad, M. A. K. 10428
Shademanov, P. K. 7606
Shadeque, A. 3909-3910
Shafii, B. 4917
Shah, A. A. 1506
Shah, D. 1683
Shah, F. H. 5190
Shah, G. A. 2606
Shah, H. A. 5169
Shah, J. 5248, 11135-11136
Shah, M. A. 5669
Shah, N. C. 3280
Shah, S. E. 12788
Shah, T. M. 4685
Shahbaz-Poorshahbazi, A. 9765
Shaheen, A. M. A. 4141
Shaheen, G. H. 1572
Shahi, J. P. 10226
Shahi, V. K. 11566
Shahid, M. 1815
Shahid Riaz 282, 317
Shahmoradi, S. J. 9166
Shahzad Aziz 1574
Shaikh, F. 1506
Shajahan, A. 787
Shakhidoyatov, Kh. M. 937
Shakiba, M. R. 3350
Shakya, R. 11881
Shalev, G. 6323
Shama, S. 9112
Shambulingappa, K. G. 12529-12530
Shamina, Z. B. 5828
Shamir, I. 12778
Shamsi, M. A. 7028
Shamsuddin Ahmed 4155
Shan, B. S. 5105
Shan, L. M. 848
Shan BaoShuang 5105
Shan LiMin 848
Shands, H. L. 5509
Shane, J. L. 2857
Shaner, G. 177, 11298
Shang, F. Y. 10596
Shang, H. S. 4533
Shang FaYang 10596
Shani, Z. 12126
Shankar, M. 1472
Shanklin, J. 3024
Shanmugasundaram, P. 6077
Shanmugasundaram, S. 4445
Shannon, J. C. 269, 9187, 11344
Shannon, M. C. 12090
Shantappanavar, N. B. 9463
Shantha Nagarajan 135, 11280
Shanthi, K. 3122
Shanthi Murali 3041
Shao, H. N. 366
Shao, Q. M. 2354, 7024
Shao, Y. 3595, 5891
Shao HongNing 366
Shao QiMing 2354, 7024
Shao You 3595, 5891
Shapcott, A. 10984
Sharabash, M. T. M. 12549
Sharafatian, D. 9618
Sharifani, M. M. 12648
Sharkey, T. D. 275
Sharma, A. 8561
Sharma, A. C. 10302
Sharma, A. N. 4844
Sharma, A. P. 871
Sharma, B. 1324, 3990, 8315, 8322-8324, 8348
Sharma, B. D. 7221, 8357, 10527-10528, 11594
Sharma, B. K. 11285
Sharma, C. K. 8528, 12606
Sharma, D. 6602, 10493
Sharma, D. J. 7962, 8360
Sharma, D. N. 5657
Sharma, G. R. 7883, 12241
Sharma, G. S. 13028
Sharma, H. 177
Sharma, H. C. 1741, 5618, 6979
Sharma, H. P. 2188
Sharma, I. 11293
Sharma, J. 11586
Sharma, J. B. 5657
Sharma, J. K. 4047, 7208, 9518
Sharma, J. N. 11756
Sharma, J. P. 10321, 12383
Sharma, J. R. 13029
Sharma, K. P. 10527
Sharma, M. K. 9461
Sharma, M. L. 4091
Sharma, N. 5465, 11503
Sharma, P. 12905
Sharma, P. C. 4382, 7954, 11812
Sharma, P. K. 7954
Sharma, P. P. 3837, 7721, 8423
Sharma, R. 2954, 5301, 6854-6855
Sharma, R. C. 3357, 7993, 9156
Sharma, R. K. 1557, 2282, 5059, 6730, 6754, 7947, 7956, 7962, 7965
Sharma, R. L. 2295, 11378, 11380
Sharma, R. N. 2479, 8156, 9359
Sharma, R. P. 503
Sharma, R. R. 1741
Sharma, S. 4312, 6547, 9091, 9491, 12306, 12738, 13029
Sharma, S. B. 474, 9480
Sharma, S. C. 2156, 7883, 8175, 11288, 11292, 12241, 12344
Sharma, S. K. 1532, 1660, 2199, 2925, 4509, 6694, 7180, 8126, 8246, 8329, 10578, 12512
Sharma, S. M. 8156
Sharma, S. N. 1284-1285, 6730, 6790, 9672, 12247
Sharma, S. P. 4044
Sharma, S. R. 2426, 8662-8663, 12474
Sharma, T. R. 6712, 7454, 7874, 11241
Sharma, V. K. 1825, 2475, 7972
Sharma, Y. K. 2039
Sharon, D. 4005, 5154, 12696-12697, 12701
Sharopova, N. R. 8051
Sharp, P. J. 3361
Sharpe, A. G. 1608, 7438, 8557
Sharpe, F. T. 10330, 12394
Sharrock, R. A. 9982
Sharvale, T. G. 2470
Shashi Banga 11792
Shashi Madan 3339
Shatarich, I. 237
Shatskaya, O. A. 3460, 10191
Shaug, S. P. 2297
Shaug SuePea 2297
Shaukat Ali 1668
Shaul, O. 9346
Shaw, A. J. 12164
Shaw, D. V. 3974, 12664
Shaw, F. H. 12164
Shaw, J. F. 12565, 12698
Shaw, N. L. 399
Shaw, P. J. 493, 8411
Shaw, S. S. 11447
Shaw JeiFu 12565, 12698
Shcherbak, V. S. 3460, 10191
Shchori, Y. 6441, 7674
Shchukis, E. R. 3426
She, C. F. 7318
She, J. M. 1626
She, M. X. 5073
She ChangFu 7318
She JianMing 1626
She MingXi 5073
Shebaro, W. A. 619
Sheela, M. N. 10555, 12562, 12569
Sheely, D. L. 6383
Sheen, J. 3511, 6648, 9943
Sheetz, R. H. 2866
Sheh, M. L. 4317
Sheh MengLan 4317
Shehadeh, A. 136
Sheidai, M. 6346
Sheikh, I. A. 8574
Sheikh, S. A. 6517
Sheila, V. K. 9483
Shekar, V. B. 10277

Shekhawat, N. S. 4186
Shelby, P. P. 8746
Shellie, K. C. 10620
Shelton, A. M. 1609
Shelton, D. R. 11267
Shen, B. 3629, 9750
Shen, D. 4964
Shen, D. X. 5134
Shen, F. Y. 7272
Shen, G. F. 10296
Shen, G. Z. 11038
Shen, H. L. 6154
Shen, J. C. 4131
Shen, J. Q. 7242
Shen, J. X. 1827
Shen, K. Q. 5651
Shen, L. 2736, 3585
Shen, L. S. 4681
Shen, M. 362
Shen, N. F. 42, 4390
Shen, P. S. 12166
Shen, Q. X. 196
Shen, S. J. 94
Shen, S. Q. 7019, 7043
Shen, S. X. 2537, 2556
Shen, T. C. 4546
Shen, W. H. 10854
Shen, W. M. 7564
Shen, X. D. 9879
Shen, X. L. 934, 9764, 9767
Shen, X. Q. 2541
Shen, Y. 892
Shen, Y. G. 2255
Shen, Y. S. 6194
Shen, Y. W. 2330, 3591
Shen, Y. Z. 9109
Shen, Z. T. 371, 2331, 5577
Shen Bo 3629, 9750
Shen DeXu 5134
Shen Di 4964
Shen FengYing 7272
Shen GeZhi 11038
Shen GuiFang 10296
Shen HuoLin 6154
Shen JiaQing 7242
Shen JinChang 4131
Shen JinXiong 1827
Shen KeQuan 5651
Shen Li 2736
Shen LiShuuang 4681
Shen Mei 362
Shen PaoSheng 12166
Shen QingXi 196
Shen ShengQuan 7019, 7043
Shen ShouJiang 94
Shen ShuXing 2537, 2556
Shen TianChi 4546
Shen WenHui 7564, 10854
Shen XiangQun 2541
Shen XiaoDong 9879
Shen XinLian 934, 9764, 9767
Shen YinZhu 9109
Shen YunGang 2255
Shen YuSheng 6194
Shen YuWei 2330, 3591
Shen ZongTan 371, 2331, 5577
Shenaut, M. A. 1503
Sheng, B. C. 6179
Sheng, B. Q. 1264, 3359, 12275
Sheng, J. S. 2076
Sheng, P. Y. 9119
Sheng, X. Y. 829
Sheng, Y. F. 581
Sheng BaoQin 1264, 12275
Sheng BingCheng 6179
Sheng JinSong 2076
Sheng XiaoYan 829
Sheng YueFang 581
Sheoran, R. K. 7467, 11396
Shepelev, V. N. 5459
Shepherd, K. 6217, 7406-7407, 8518, 9625, 9633
Shepherd, K. W. 1313, 8022, 11227
Shepherd, L. 7220
Shepherd, R. J. 8685
Sheppard, J. A. 161
Sheppard, L. A. 12872
Sheratt, D. 5513
Sheridan, W. F. 278, 9203
Sherif, H. S. 6735-6736
Sherif, S. 3301
Sheriff, R. A. 7614
Sherman, W. B. 3923, 4341, 8490, 8494, 10681
Sherman-Broyles, S. L. 12991
Sherrand, J. H. 2264
Sherrier, D. J. 2459
Sherry, R. A. 9834
Sherson, S. 9009
Sherwood, R. T. 11485
Sheshagiri, K. S. 5168
Sheshagiri, R. 9688
Shete, M. B. 807, 4010
Shetty, H. S. 4651, 5939, 6993
Shetty, K. 3126, 4306, 7732, 11105
Shetty, S. A. 6993
Sheu, J. J. 3599
Sheu JunJei 3599
Shevchenko, V. A. 11023
Sheviak, C. J. 6504, 7703
Shevtsov, I. A. 2515
Shewale, B. S. 6225
Shewry, P. R. 213, 852, 3342, 6561, 9078, 9167, 9188, 9876, 9910, 11265
Shi, A. N. 2363, 7057
Shi, B. 4712
Shi, C. H. 371, 12395
Shi, D. 392
Shi, F. 5134
Shi, F. L. 444
Shi, G. C. 12375
Shi, G. X. 10238
Shi, H. G. 750
Shi, H. L. 1597, 2512
Shi, H. Y. 1408
Shi, J. 2255, 9253
Shi, J. J. 2490
Shi, J. N. 9539
Shi, J. R. 3703, 6007
Shi, L. 459, 1361, 2549, 9375
Shi, N. Q. 10930
Shi, R. 7055
Shi, S. W. 7461
Shi, S. X. 4596
Shi, S. Y. 3593
Shi, W. G. 7073
Shi, W. J. 2532
Shi, X. H. 11354
Shi, X. Q. 2761
Shi, Y. G. 5754
Shi, Y. Z. 2674, 12642
Shi, Z. Y. 7248
Shi AiNong 2363, 7057
Shi Biao 4712
Shi ChunHai 371
Shi De 392
Shi Feng 5134
Shi FengLing 444
Shi GongXian 10238
Shi GuangChun 12375
Shi HuaGuo 750
Shi HuiLian 1597, 2512
Shi HuoYing 1408
Shi JianJian 2490
Shi JiaoNai 9539
Shi Jie 9253
Shi Jin 2255
Shi JinRui 3703, 6007
Shi Liang 459, 1361, 9375
Shi Lin 2549
Shi Rong 7055
Shi ShuWen 7461
Shi SiXin 4596
Shi WeiJun 2532
Shi WenGui 7073
Shi XinHai 11354
Shi XiuQin 2761
Shi YongZhong 2674, 12642
Shi ZhenYi 7248
Shibata, D. 51, 3207, 5242, 9020, 9832, 9991, 11530, 11876
Shibata, M. 4288, 6367, 8185-8186, 11925
Shibata, W. 7722
Shibles, R. M. 1491, 11528
Shibli, R. A. 9507, 9607
Shibuya, M. 4810
Shieh, G. J. 10140, 10225
Shieh, H. L. 12501
Shieh GuangJauh 10140, 10225
Shields, D. C. 3191, 8985
Shiferaw, B. 3671-3672
Shifriss, C. 6149
Shifriss, O. 2632
Shigapov, Z. Kh. 6398
Shigapova, A. I. 6398
Shigemoto, N. 588
Shigyo, M. 6107
Shih, M. C. 8988
Shih MingChe 8988
Shiina, T. 5627
Shikada, T. 900
Shikanai, T. 1646
Shikata, E. 10546
Shiloh, E. 5199
Shim, W. 6597
Shima, N. 1098
Shimada, H. 1875, 9291
Shimada, N. 352
Shimada, T. 1275, 1593, 3306, 4391, 4724, 4726, 6498, 7228, 7321, 11238, 11407, 11418, 12217, 12226, 12237
Shimamoto, K. 3579, 4726, 10042, 11418, 12361
Shimamoto, Y. 4684, 5194, 5221, 5227, 7138, 8675-8676, 9286
Shimamune, T. 11419
Shimamura, F. 1684
Shimamura, T. 6200
Shimano, T. 347, 4672, 12369
Shimizu, H. 6916, 7005
Shimizu, N. 9311
Shimizu, R. 2002
Shimizu, T. 18-19, 7684
Shimizu, Y. 8728
Shimma, Y. 9514
Shimoda, M. 13038
Shimoda, Y. 1684
Shimokawa, S. 9148
Shimokawa, T. 348, 12368
Shimokoji, H. 10366
Shimomura, M. 5158
Shimoni, M. 10258
Shimonishi, Y. 6916
Shimono, M. 4710
Shimosaka, E. 10429
Shimura, I. 6932
Shimura, Y. 7819, 12140
Shin, D. C. 9374
Shin, D. H. 11448
Shin, E. M. 3094
Shin, J. S. 2036
Shin, M. G. 1309
Shin, P. G. 12458
Shin, Y. S. 2364
Shin, Y. U. 3930
Shin DooChull 9374
Shin EunMyung 3094
Shin JongSoo 2036
Shin ManGyun 1309
Shin YongUk 3930
Shin YoungSeop 2364
Shinbashi, N. 10308
Shinde, G. C. 8342
Shinde, L. A. 3917
Shinde, M. S. 3566
Shinde, N. N. 6152
Shinde, R. B. 3612, 8261
Shinde, S. S. 9264
Shindo, K. 8185
Shindrova, P. 1807, 7487
Shine, J. M., Jr. 876
Shinjyo, C. 4710, 9291
Shinmoto, H. 622
Shinmyo, A. 7573
Shino, K. 8186
Shinoda, K. 9851
Shinohara, K. 622, 11922
Shinōmura, T. 2101
Shinozaki, K. 62, 1165, 3200, 3207, 4369, 4422, 6076, 8173, 9020, 12128
Shinozuka, Y. 346, 12366
Shintani, D. 9669, 12817
Shiokawa, T. 4171
Shiomi, N. 1133
Shiota, H. 9514
Shiota, N. 1866
Shipe, E. R. 1496, 1499, 3709, 6032, 11527, 11546
Shippen, D. E. 4372
Shirai, A. 9971
Shiraishi, M. 778, 8522
Shiraishi, S. 1025, 1033, 4191, 5452, 7725, 8522
Shiraishi, T. 7181, 8140
Shirano, Y. 9991
Shirasu, K. 4364, 7157
Shirato, N. 10983
Shirley, B. W. 79, 1191, 2081, 8994
Shirley, N. J. 1311
Shirsat, A. H. 838
Shirzadegan, M. 11498
Shishido, K. 11097
Shishlov, M. P. 6882
Shishlova, N. P. 6882
Shishupala, S. 4651
Shiv Kumar 6872, 7201
Shivaji, R. 2389
Shivaleela, H. S. 12527
Shivanna, B. K. 10279
Shivanna, K. R. 7448
Shivashankar, G. 2387
Shivendra Bajaj 5911
Shizukawa, Y. 11026
Shlumukov, L. 12132
Shmida, A. 5585
Shmuel, M. 9766
Shoda, K. 11763
Shoemaker, R. 9403, 10426
Shoemaker, R. C. 458, 2434, 3705, 8281, 10407, 11525
Shomura, A. 347
Shon, T. K. 7716, 11397, 13033
Shon TaeKwon 7716, 13033
Shong, R. T. 2854
Shong RenTao 2854
Shopova, K. 230
Shoran, J. 6731, 6734, 7983
Shorrosh, B. 12817
Shoseyov, O. 12126, 12855
Shou, S. Y. 4945, 10987
Shou SenYan 4945
Shou SongYuan 10987
Showalter, A. M. 3858
Shoyama, Y. 5452, 5460, 7725
Shpak, E. D. 2491
Shramko, A. V. 319
Shrestha, R. K. 10331
Shridhar 12498
Shrivastava, M. N. 9338, 11425, 12406
Shrivastava, S. 7464
Shroeder, E. 2772
Shtereva, L. 10598
Shu, H. 2251, 12309
Shu, H. R. 3931
Shu, J. L. 6310
Shu, L. 12832
Shu, L. H. 4734
Shu, Q. Y. 4689
Shu, W. 8577
Shu, Z. W. 12038
Shu HuaiRui 3931
Shu JiLin 6310
Shu LiHui 4734
Shu LiZeng 12832
Shu QingYao 4689
Shu ZhongWu 12038
Shuai, S. Y. 3589
Shuai SuYun 3589
Shuang, Z. F. 2184
Shuang ZhiFu 2184
Shukla, A. 8565
Shukla, A. K. 8591
Shukla, D. S. 11279
Shukla, G. K. 7877
Shukla, K. C. 11378, 11380
Shukla, K. K. 2353, 11446
Shukla, N. 8156
Shukla, P. 2436
Shukla, R. K. 8091
Shukla, R. S. 2231, 2236, 3123
Shukla, S. 1990, 5458, 6532
Shukla, V. D. 381, 389, 10337
Shulaev, V. 4126, 12822
Shum-Thomas, T. 7236

Shumba, D. 4455
Shun, C. D. 11354
Shun ChunDe 11354
Shunmugavalli, N. 940
Shuraki, Y. D. 5170, 10762
Shutov, A. D. 33-34
Shvaleva, A. L. 4523
Shweta Priadarshani 7239
Shyam, K. R. 615, 12006
Shyam, R. 1679
Shyam Prakash 578
Shyu, Y. T. 12568
Shyu YuanTyan 12568
Si, H. M. 4725, 7023, 10294, 11412
Si, J. G. 2544, 2548
Si, L. T. 2547
Si, Y. 2260
Si HuaMin 7023, 10294, 11412
Si JiaGang 2544, 2548
Si LongTing 2547
Si Yang 2260
Siaguru, P. 5507
Sial, M. A. 11236
Sibdas Ghosh 11628
Sibikeev, S. N. 181
Sibov, S. T. 11360
Sicher, R. C. 5245
Siciliano, R. 9902
Siculella, L. 1798, 10785
Siddiq, E. A. 7025
Siddique, K. H. M. 9450
Siddique, M. A. A. 7690
Siddiqui, B. A. 5498
Siddiqui, K. A. 7937, 11236
Siddiqui, K. H. 5839-5840
Siddiqui, M. A. 3544
Siddiqui, S. 3870, 6112
Siddiqui, S. H. 108
Siddiqui, S. U. 1571, 4916
Sidebottom, C. 536
Sideris, S. 4741
Sidhu, A. S. 8414
Sidhu, B. S. 11456
Sidhu, D. S. 6363, 7625
Sidhu, J. S. 1277, 2359, 5156
Sidhu, O. P. 12040
Sidhu, P. S. 1539, 11574-11575
Sidorenko, A. S. 2515
Sidorenko, L. 5709
Sidorov, V. 1584
Siebert, M. 4112
Sieburth, L. 7838
Sieburth, L. E. 7834
Siegerist, E. 8888
Siegerist, E. S. 13017
Siegismund, H. R. 2955, 11953
Siegl, H. 9535
Sieler, R. L. 10747
Siemens, J. 1203, 6641
Siemering, K. R. 9960
Siepe, T. 12845
Sietz, W. 5948
Sigareva, M. 7276, 7278
Sigareva, M. A. 4963
Signer, E. R. 2088, 3214
Signor, M. 7891, 8547
Signoret, V. 684
Signorini, M. A. 9333
Sihachakr, D. 12566
Sijen, T. 6341
Sikinyi, E. 10547
Sila Bhattacharya 3486
Silander, J. A., Jr. 11948
Silayoi, B. 5894, 12392
Silberbauer-Gottsberger, I. 11952
Silguero, J. F. 10748
Silhavy, D. 4928
Silim, S. N. 11577
Silin, A. E. 1000, 4190
Silistru, C. 420
Silistru, D. 420
Siljak-Yakovlev, S. 1954, 6989, 13024
Silk, G. W. 8265
Sillero, J. C. 12210
Sillito, D. 7219
Silva, A. C. F. da 3785
Silva, A. S. 12632
Silva, E. A. M. da 9647
Silva, E. G. 8303
Silva, F. 8010
Silva, F. de A. G. da 3631
Silva, F. G. da 11401
Silva, F. P. da 2877
Silva, H. 8702, 11135
Silva, H. B. dos S. M. da 1919
Silva, I. 6530
Silva, J. B. da 2224
Silva, J. C. 10322
Silva, J. M. R. da 11752
Silva, J. P. 6847
Silva, K. M. da 6217, 8518
Silva, M. 6833
Silva, M. de A. 7525-7527
Silva, M. J. da 2253
Silva, N. 6530
Silva, S. C. da 3531
Silva, S. de O. e 9625
Silva, T. 1733
Silva, W. J. da 9208
Silva Filho, D. F. da 4011, 8538
Silva Filho, N. L. da 6391
Silvarolla, M. B. 7525-7526, 7554
Silver, D. L. 3691
Silveri, D. 7897
Silverman, P. 10339
Silverman, R. H. 8706
Silverstone, A. L. 11178
Silvertand, B. 2526
Silverthorne, J. 2972
Silvertooth, J. C. 936
Silvester, W. B. 436
Sim, S. K. 9501
Simanis, V. 53
Simarov, B. V. 7121
Simčič, M. 11742
Simcox, K. 11339
Simcox, K. D. 255, 304
Simel, E. J. 11921
Simelane, S. 4623
Simeone, A. M. 669
Simeone, R. 4497, 12225
Simeonov, N. 267
Šimić, B. 2289
Simin, A. 12573
Simioni, C. 2411
Simirenko, V. L. 6564
Simiyu, S. W. 9925
Simmonds, N. W. 1167
Simmons, A. M. 5064
Simmons, L. D. 12251
Simms, E. L. 6482
Simon, A. E. 7808
Simon, C. J. 7185
Simon, J. E. 5466, 13039
Simon, P. W. 3806, 12557, 12638
Simon, R. 82
Simon, W. 6297
Simonenko, V. K. 125, 5614
Simoni, A. 2579
Simons, A. J. 980, 7632
Simons, G. 6798
Simorte, T. 4848
Simpson, C. E. 4079
Simpson, C. G. 3204, 5704, 12658
Simpson, G. G. 3175
Simpson, J. D. 6406, 10947
Simpson, R. J. 10344
Sims, I. M. 10344
Sims, J. J. 3716
Sims, S. R. 310, 1871
Sin, E. 10096
Sinclair, B. K. 9530
Sinclair, R. B. 8849
Sinclair, T. R. 11361, 12332
Šindelář, J. 2937, 2985-2986
Sinden, S. L. 6095
Sindhan, G. S. 7211
Sindhu, A. 508
Singal, H. R. 508
Singburaudom, N. 2346, 2365
Singer, P. B. 12895
Singh, A. 625, 1554, 1749, 3872, 4093, 8355, 9254, 11902
Singh, A. B. 1793
Singh, A. K. 450, 625, 1677, 2436, 2766, 4300, 4312, 5919, 6542, 6761, 7510, 9672, 10779, 11018, 11063, 12287
Singh, A. N. 8129, 10527-10528
Singh, A. P. 4092, 4177, 8338
Singh, A. R. 1751
Singh, B. 1883, 2466, 8168, 10078, 10626
Singh, B. B. 8289, 8326, 8348, 9477, 10476-10477
Singh, B. D. 2778-2779, 8629
Singh, B. G. 3122, 6929
Singh, B. K. 7447
Singh, B. M. 179
Singh, B. N. 4747, 7997
Singh, B. R. 10511-10512
Singh, C. B. 8649
Singh, D. 1782, 2353, 3370, 8575
Singh, D. K. 1528, 1688
Singh, D. N. 606, 3575, 3733, 3872, 3888, 8129, 8305, 8332, 8573, 8663, 10602
Singh, D. P. 2189, 3832, 4140, 5464, 8326, 9469, 10476-10477, 11518, 11572, 12523
Singh, D. V. 10779
Singh, F. 7187
Singh, G. 330, 2742, 3710, 8098, 8275, 8361, 8576, 8582, 11575, 11902, 12282
Singh, G. N. 5155
Singh, G. P. 2496, 2778-2779, 2782, 6168, 7531, 8629, 8663, 9697, 10834
Singh, G. S. 523, 12402
Singh, H. 1782-1783, 2748, 6547, 7038, 7454, 7973, 12277, 12736
Singh, H. B. 4047, 9518, 12402
Singh, H. P. 10323-10324, 10723, 10730, 13023
Singh, I. 6694, 6747, 7948, 10055, 12474
Singh, I. D. 8682, 12800
Singh, I. P. 8528, 11771, 12606
Singh, I. S. 1757, 2464, 2469, 3764, 6872, 8325, 8359, 9475, 9484, 10473, 10475, 10479, 10499
Singh, J. 1617, 1679-1680, 3280, 3834, 4312, 6825, 6864, 11949
Singh, J. M. 13030
Singh, J. N. 8574
Singh, J. P. 1617, 2301, 3764, 7038, 10473, 10479, 11847
Singh, J. R. P. 2786, 8658
Singh, K. 5048, 6064, 7020, 11241
Singh, K. B. 4389, 4879, 7166, 7191-7192, 11195, 11570, 12514
Singh, K. D. 1847, 8127
Singh, K. H. 7886
Singh, K. M. P. 7996-7997
Singh, K. N. 5197, 5920, 9129
Singh, K. P. 1526, 1554, 1717, 2766, 3777, 3914, 4177, 6059, 6694, 6726, 8355, 10483
Singh, K. S. 7772
Singh, L. 323, 510, 7193, 9468, 9470-9471, 9481, 10535
Singh, L. N. 8246, 10126
Singh, M. 330, 1351, 1821, 2742, 2771, 3123, 3763, 5846, 5915, 6289, 6724, 6937, 7456, 8098, 8275, 8361, 8576, 10834, 11330
Singh, M. B. 11799
Singh, M. C. 3829
Singh, M. N. 7204
Singh, M. P. 3575, 4093, 5944, 7944, 8129
Singh, N. 7539, 10636-10637
Singh, N. B. 4193, 4695, 4721, 9144, 9467, 9471, 9481
Singh, N. D. 1675, 1751
Singh, N. K. 2873, 4125, 6745, 7583, 7772, 8052, 9586
Singh, N. N. 5839-5840, 9680
Singh, N. P. 5967, 9477, 11936-11937
Singh, O. 12787
Singh, P. 2189, 2744, 4091, 4645, 7948, 11807
Singh, P. K. 3872, 4695, 4721, 9477, 10886, 12728
Singh, P. P. 5063, 7963
Singh, R. 508, 623, 6992, 8919
Singh, R. A. 10834
Singh, R. B. 11018
Singh, R. D. 1617, 6071
Singh, R. D. P. 7538
Singh, R. J. 4825, 7154, 9370, 9377
Singh, R. K. 6724, 7206, 10321, 10337
Singh, R. M. 6073, 7204, 8338, 9464-9465
Singh, R. N. 2519, 3111, 5932, 7179
Singh, R. P. 505, 554, 1288, 1882, 3362, 4186, 6726, 8003, 8006, 9460, 10093, 10483
Singh, R. R. 7538, 7626
Singh, S. 1539, 1833, 2443, 3613, 6064, 6747, 8341, 8579, 8620, 9476, 9478, 10323-10324, 11850, 12405, 12482, 12781
Singh, S. B. 12287, 12429
Singh, S. D. 12345
Singh, S. G. 3106-3107, 11045-11046
Singh, S. J. 11633
Singh, S. K. 3040, 8573
Singh, S. N. 868, 4055, 4089, 6074, 7529-7530, 7996, 8590
Singh, S. P. 523, 1756, 1833, 1990, 3765, 4854, 5458, 5857, 6052, 6532, 6542, 7601, 9586
Singh, S. R. 9157
Singh, S. V. 10226
Singh, T. 11293
Singh, T. B. 7886, 9130
Singh, T. H. 1868, 12584
Singh, T. P. 12474
Singh, U. 2769, 3811, 4078, 9473
Singh, U. P. 7204, 8338, 9443, 9464-9465, 10495
Singh, V. 2782, 6547, 6871, 8598, 12327, 12746
Singh, V. K. 1419, 3914
Singh, V. N. 12570
Singh, V. P. 623, 2443, 3722, 3767, 3777, 6070, 8020, 10775, 12482
Singh, V. R. 13023
Singh, Y. 2595, 5998, 8423, 8464
Singh, Y. P. 804, 2925
Singh, Y. V. 1528, 5048
Singhal, B. K. 10712
Singhal, N. C. 9442
Singhania, R. A. 8581
Singla, S. L. 11437, 11442
Singletary, G. W. 9220
Singleton, M. 11608
Singleton, V. L. 3983
Singsit, C. 8610
Sinha, A. 9238
Sinha, A. K. 5667
Sinha, A. N. 5667
Sinha, B. K. 10886
Sinha, N. 9237
Sinha, N. R. 4758
Sinha, R. K. 2659
Sinha, S. 2659
Sinha, S. K. 1406, 8294
Sinha, S. N. 4044
Sinha, S. P. 8649
Sinhamahapatra, S. P. 7519, 12732
Sinibaldi, R. M. 9252

Siniscalco, A. 172
Sink, K. C. 587, 4994, 6125, 7306, 10589
Sin'ko, L. T. 2723
Sinkovič, T. 9058
Sinmena, B. 11375
Sinobas, J. 2277
Sint Jan, V. van 6087, 9307
Šíp, V. 2194-2195, 2201, 3329, 3397
Sipes, S. D. 12002
Sirianni, R. 12759
Siril, E. A. 6387
Siriphol, M. 7722
Sirisena, S. G. 378
Siritunga, D. 2367
Sirju-Charran, G. 11874
Sirohi, A. 1834, 1873, 8445
Sirohi, P. S. 3913
Siroky, J. 7671
Sisco, P. H. 3469
Sistrunk, M. L. 5549
Sitadhani, K. 12608
Sitaramachary, T. 9746
Sitbon, F. 6325, 12189
Sithisarn, P. 8669
Sitnik, V. P. 2909
Sittisuang, P. 382
Sivakumar, S. 1716
Sivaprakasam, N. 10607
Sivaramakrishnan, S. 6963, 7193, 9470, 11382
Sivasamya, N. 3561
Sivasankar, S. 10584
Sivasithamparam, K. 1449, 3038
Sivasubramanian, V. 519-520, 1716
Sivčev, V. B. 6205
Siviero, P. 2620, 5022-5023
Sixto, H. 4569
Skadhauge, B. 11319
Skaggs, M. I. 11657
Škaloud, V. 7489, 10021
Skarzhinskaya, M. 4038
Skates, B. A. 2281
Skelvåg, A. O. 4757
Skerritt, J. 4502
Skerritt, J. H. 2237
Skinner, D. Z. 2298, 3675, 4383, 5978
Skipitaris, G. 6827
Skirvin, R. 4341
Skokut, T. 9191
Škorić, D. 844, 1808, 7486
Škorpík, M. 2201, 3329, 3397
Skorupska, H. T. 2437, 10420
Skøt, L. 442, 9356
Skotland, C. B. 7741-7742
Skovgaard, I. M. 10532
Skovmand, B. 114, 6814, 6816
Škrabanja, V. 11263
Skroch, P. W. 3739, 3854, 9431, 10462
Skrøppa, T. 1013, 1904, 10967
Skrudlik, G. 3696
Skrzypczak, L. 8851
Skrzyszewska, K. 4206
Skucińska, B. 439, 5182
Skupinová, S. 10550
Skupski, M. 7631
Skuridin, G. M. 789
Slabas, A. R. 6297, 7434
Slabas, T. 9581
Slabaugh, M. B. 7520, 8614, 12779
Slack, J. 8490
Slack, S. A. 4922, 7231, 8388
Slafer, G. A. 2158, 10049
Slagter, J. G. 9024
Slak, M. F. 991
Slama, S. 6158
Slanger, W. D. 5574
Ślaski, J. J. 3346, 9150, 10075
Slater, J. E. 2915
Slater, R. 12661
Slater, S. E. 7880
Slaton, N. A. 5903
Slattery, C. W. 11595
Slaughter, D. C. 7317
Slavov, N. 298
Slee, M. U. 12891
Sleper, D. A. 5953, 5957, 10423, 10439, 12476
Sliesaravičienė, L. 11463, 11477
Sliesaravičius, A. 11459, 11477
Slightom, J. L. 9642-9644
Slinkard, A. E. 5635, 7117
Sloan, R. C., Jr. 6178
Slobodník, B. 8802
Slocombe, S. P. 9078
Slocum, R. D. 1523
Slonovschi, V. 845
Slooten, L. 9748
Slor, E. 10752
Sloten, D. van 12081
Sluder, E. R. 4198
Ślusarkiewicz-Jarzina, A. 4494, 11284
Slusarski, C. 5026
Sluys, M. A. van 7829
Šmalcelj, B. 6334-6335
Smale, M. 4466, 7884
Small, E. 1116, 1476
Small, I. 103, 2086, 7566
Small, I. D. 57
Smalle, J. 7827, 9974, 12191
Smallfield, B. M. 11082
Smart, C. C. 7817
Smart, C. J. 5564
Smart, L. B. 1507
Smeda, R. 7583
Smeekens, S. 3212, 7258, 9722
Smeekens, S. C. M. 9040, 10861, 11601
Smeenk, J. 6125
Smeets, K. 6105
Smelyanets, V. 6758
Smerdon, M. J. 611
Smertenko, A. P. 4118
Smets, E. 4268, 6315
Smets, H. 3793
Śmiech, M. 10131
Smiech, M. P. 6110
Smilde, W. D. 7269
Smirnov, S. 12822
Smirnov, S. P. 10041
Smirnov, V. G. 3405
Smirnov, V. V. 7544
Smirnova, N. K. 11750
Smiryaev, A. V. 5632
Smítal, F. 12734
Smith, A. G. 1342
Smith, A. M. 536, 4870, 9078
Smith, A. R. 9036
Smith, B. D. 9579
Smith, C. 6708
Smith, C. W. 7599
Smith, D. 51, 213, 9167
Smith, D. L. 11357, 12324
Smith, D. S. 963
Smith, D. W. 11126
Smith, F. A. 10073
Smith, F. W. 1477, 4398
Smith, G. 9948
Smith, G. F. 1247
Smith, G. R. 1482, 8669-8670, 10832
Smith, G. S. 9617
Smith, H. 2842, 9947
Smith, H. J. P. 3717
Smith, H. M. S. 96
Smith, J. B. 7925
Smith, J. D. 9243
Smith, J. M. 5513, 10005
Smith, J. S. C. 2251, 2294, 5706, 12309
Smith, K. 9191
Smith, K. F. 12415
Smith, K. N. 3205
Smith, L. H. 5441
Smith, L. J. 8085
Smith, M. 8989
Smith, M. A. 9876
Smith, M. A. L. 7693, 9607
Smith, M. K. 7404, 11523
Smith, M. W. 8393, 12714
Smith, O. S. 12309
Smith, P. 3204
Smith, R. 9031
Smith, R. A. 12558
Smith, R. C. G. 1281
Smith, R. G. 4301
Smith, R. H. 4676
Smith, R. J. 10249-10250
Smith, R. M. 2574
Smith, R. R. 4793, 10373
Smith, S. 5716
Smith, S. E. 7069, 8025, 11499
Smith, W. J. 7599
Smithson, J. B. 6038
Smitt, U. W. 2001
Smole, J. 11665, 11672-11673
Smolenskaya, S. E. 12439
Smulders, M. J. M. 5004, 5006
Smyth, D. R. 4443
Snaar-Jagalska, B. E. 195
Snape, J. W. 4514, 4541, 9199, 10098, 11147, 11247, 12272
SNC Meilland et Cie 1928-1933, 6449-6453, 8821-8827
Snedden, W. A. 6640
Sneh, B. 5596
Snell, P. J. 6974
Sneller, C. H. 8283
Snidaro, M. 2122, 4815, 7891, 7911, 8547
Śnieżko, R. 8585, 8845-8846, 8943
Snijders, C. H. A. 7971
Snook, M. E. 4619, 5841, 6950, 9258-9259
Snow, A. A. 4259, 7660, 12742
Snow, K. 9242
Snyder, G. W. 9013
Snyman, C. J. 12694
Snyman, J. C. 799, 2715, 12695
So, I. S. 1093
So InSup 1093
Soare, G. 7488, 8596
Soare, T. 8268
Soares Filho, W. dos S. 9625
Soave, C. 11177, 12155
Soave, D. 7047
Soave, J. 1420, 4744, 7002
Sobral, B. W. S. 5501
Sobral, C. A. M. 4744
Socias i Company, R. 10757
Sodhi, H. S. 5477
Sodhi, M. 2359
Sodkiewicz, W. 3293, 6838
Sodmergen 9812
Soe, T. T. 11435
Sofiari, E. 3810, 12560
Sohoo, M. S. 12443, 13035
Sohu, H. K. 2771
Sokhi, S. S. 4652
Sokolov, V. 1362, 4600
Sokolov, V. A. 4599
Sokolova, N. S. 102, 2115
Sokolovskaya, A. P. 3664
Sokolski, K. 7706
Solanki, R. S. 4093
Solanki, S. S. 1590, 1682
Solar, A. 5164
Soldati, A. 4837
Soldatini, G. F. 8310
Soldatova, O. P. 2105
Soler, C. 5662, 6846, 6858, 8028
Solheim, R. 2234-2235
Soliman, M. H. 921
Solinas, G. 9198
Söll, D. 1190
Soll, J. 3287
Solodukhina, O. V. 3422
Solodushko, V. G. 4118
Solomos, T. 9558
Solonenko, L. P. 789
Solov'ev, A. A. 6839
Soltész, M. 727, 6172, 7356, 11733
Soltis, D. E. 10718, 11215
Soltis, P. S. 10718, 11215
Som, M. G. 1542, 2472, 4886, 8350
Soman, P. 11382
Somani, L. L. 8581
Somasco, O. A. 175
Somasundar, M. 2774
Sombrero, C. 1908
Somers, D. E. 3237, 10770
Somers, D. J. 166, 1274, 6689, 6756, 12220
Somersalo, S. 4919
Somerville, C. 46, 9690, 11176
Somerville, C. R. 5535, 9023, 12149
Somerville, S. 4547, 5534
Somerville, S. C. 11192
Somkuwar, R. G. 8312-8313, 12584
Sommartya, T. 2365
Sommer, H. 1072, 11662, 12739
Sommer, H. E. 10939
Sommer, S. 4112
Somodi, G. C. 1663
Somogyi, G. 626
Somssich, I. E. 3129
Son, C. K. 4836
Son, X. M. 12841
Son ChangKi 4836
Son XuMin 12841
Søndergaard, I. 10532
Sondur, S. 9644
Sone, T. 2990
Song, B. L. 2534
Song, C. 6483
Song, F. X. 5125
Song, G. L. 933
Song, H. B. 4129
Song, H. S. 1309, 5609
Song, H. X. 10430
Song, H. Z. 5137
Song, J. D. 11095
Song, J. X. 12375
Song, J. Y. 346, 12366
Song, K. M. 1774
Song, L. J. 9372
Song, L. S. 4590
Song, M. 7273
Song, M. X. 4958
Song, N. H. 3091
Song, P. 7259, 12377
Song, S. 2764
Song, S. B. 9374
Song, S. H. 1485
Song, S. W. 12836
Song, W. S. 797, 10613
Song, W. Y. 4741, 9410
Song, X. X. 4147
Song, Y. 5835
Song, Y. C. 10155
Song, Y. N. 541
Song, Z. H. 3379, 4551, 11354
Song BaoLin 2534
Song FuXiang 5125
Song GuoLi 933
Song HaeBok 4129
Song HaiXing 10430
Song HyunSook 1309
Song HyunSuk 5609
Song JianYu 346, 12366
Song JiaXiang 12375
Song JinDi 11095
Song KeMing 1774
Song LiJuan 9372
Song LiSheng 4590
Song Ming 7273
Song MinXia 4958
Song Ping 7259, 12377
Song SeogBo 9374
Song Shiun 2764
Song ShiWen 12836
Song SuHyoun 1485
Song WanYeop 9410
Song WenSheng 10613
Song WenYuan 4741
Song WonSeob 797
Song XiaoXuan 4147
Song YoongNarm 541
Song ZaiHua 11354
Song ZiHong 3379, 4551
Soni, D. K. 12386
Soni, S. N. 9130-9131
Sonie, K. C. 11063
Sonnante, G. 7107
Sonnenberg, A. 6552
Sonnenberg, A. S. M. 11094
Sonneveld, T. 10688
Sonnewald, U. 1865, 8646, 9503
Sonnino, A. 3820, 8749, 12103
Sonoda, R. 7060

Sonoda, T. 11925
Soñora, X. 8212
Sontag-Strohm, T. 141-142
Sontake, M. B. 6152
Sood, B. C. 12531
Sood, D. R. 2523, 6070
Sood, K. 206
Sood, O. P. 8274
Sood, S. 8464
Sood, V. K. 8274
Soomro, Z. A. 2886-2887, 11905
Soon, S. K. 6528
Soon SukKang 6528
Soontarasing, S. 2586
Soontornchainaksang, P. 7858
Soost, R. K. 4341
Sopory, S. 2551
Sopory, S. K. 4339, 9919-9920
Soragni, E. 3873
Sordi, G. de 3502
Sordi, M. E. B. 9182
Sorensen, C. 8837-8840
Sorensen, E. L. 3679
Sorensen, F. C. 6412, 10949
Sørensen, L. 4956, 4982
Sørensen, M. 1145
Soressi, G. P. 12099
Soria, J. 10845
Sorlino, D. 4795, 5457
Sorokin, A. 1315
Sorokopudov, V. N. 757
Sorrell, D. A. 4371
Sorrells, M. E. 4477, 11225
Sorri, O. 2841
Sorte, N. V. 2433
Sosa, V. 13018
Sosnikhina, S. P. 3405
Sosulski, F. W. 3341
Sotchenko, V. S. 2245
Sotelo, M. 6046
Sotész, M. 7355
Soto, E. 4065, 10829
Sotomayor-Ríos, A. 3534, 6956
Sótonyi, P. 11715
Sotta, B. 6058
Soubra, K. H. 619
Souch, C. 12876
Souche, S. 7302
Soundararaj, A. P. M. K. 3615
Soundrapandian, G. 334, 3570-3571, 12388
Sounigo, O. 10848
Souq, F. 12953
Sourdille, P. 1352
Sousa, A. J. T. de 2730
Sousa, B. de 6885
Sousa, C. N. A. de 12215
Sousa, F. B. de 4808
Sousa, R. 5280
Southern, A. 1144
Southgate, E. M. 10230
Southworth, D. 4042
Souvré, A. 7494
Souza, A. de S. 9625
Souza, A. M. de 10766
Souza, A. P. 11360
Souza, A. P. de 11336
Souza, C. L. de, Jr. 11336
Souza, C. L., Jr. 9183
Souza, E. 5647
Souza, F. V. D. 8518
Souza, N. R. G. 4744
Souza, N. S. 391
Souza, S. J. de 2460
Souza, S. R. de 10333
Souza, Z. da S. 3785
Souza Júnior, C. L. de 3442, 10256, 11328
Sowa, W. 6853
Sowder, C. M. 11377
Sowokinos, J. R. 9502
Soylu, S. 11071
Sozinov, A. A. 8051
Spaar, D. 6758, 8752, 10278
Spaargaren, D. H. 2110
Spada, A. 4986, 4988
Spanakakis, F. 3416
Spangelo, L. P. S. 3924
Spangenberg, G. 7079
Spano, D. 7730
Spanò, L. 5239
Spanomitsios, G. 5001
Spanswick, R. M. 12502
Spanu, A. 7000, 7003
Sparks, A. N., Jr. 6351
Sparks, D. 11784
Sparks, G. A. 1461
Sparvoli, S. 1071
Spayd, S. E. 10704
Specht, J. 458
Specht, J. E. 6013
Speggiorin, M. 10543
Spehar, C. R. 8284
Speijer, P. R. 5142, 8520, 10734
Spena, A. 9717
Spence, J. 838, 2737
Spence, N. 488
Spence, N. J. 7793
Spencer, S. C. 4442
Spens, N. 488
Sperens, U. 2958
Sperisen, C. 5033-5034
Sperling, L. 10016
Sperling, P. 6253, 8557
Sperling, U. 3423
Sperlingsson, C. 9704
Spetsidis, N. 2619
Spetsov, P. 5649
Spiegel-Roy, P. 3982, 7756, 8510, 11776
Spies, J. J. 9337
Spigno, P. 7309
Spiker, S. 1850, 3861
Spink, J. H. 7990
Spira, T. P. 4259
Spitteler, M. A. 120
Splett, M. 9206
Splittstoesser, W. E. 4952
Spoerke, J. M. 449
Spongberg, S. A. 3009
Sponsel, V. M. 2461
Spooner, D. M. 10540, 12551
Sprenger, M. 9890
Sprenger, N. 7258
Sprent, J. I. 9794
Spring, J. L. 3976
Springer, F. 1564, 4900
Springer, P. S. 3455
Springwood Consultants Ltd. 4229, 8820
Sproule, A. T. 1012
Spudich, G. M. 11151
Špunar, J. 2223, 3388
Špunarová, M. 2223
Spurr, C. 594
Spychalla, J. P. 7818
Spyropoulos, B. 1239
Squillace, A. E. 2971
Squire, G. R. 11805
Squirrell, J. 12956
Srba, V. 2810, 12792
Srećković, M. 11721
Sreedhar, C. 893
Sreedhar, D. 3041
Sreeganga Chandra 3879
Sreekumar, K. 2790
Sreelatha, S. 8767
Sreenagesh, M. V. 5068, 10629
Sreenivasan, T. V. 8621
Sreenvisasan, T. N. 11874
Sreeramulu, G. 6745
Sridhar, R. 2769
Sridharan, C. S. 846, 6284
Srikant Sharma 6547
Srimanta Pramanik 13025
Srinivas, M. 4311
Srinivas, S. V. 3889
Srinivas, T. 3486
Srinivasan, C. S. 2827
Srinivasan, G. 3457, 3477
Srinivasan, S. 12360
Srinivasan Ramachandran 53
Srinivaslu 2321
Srinives, P. 2346, 2476
Sripichit, P. 2346
Srivastava, A. K. 11163
Srivastava, C. P. 9443, 9464
Srivastava, G. P. 2481
Srivastava, K. M. 10521
Srivastava, L. J. 1991, 13030
Srivastava, M. N. 3584
Srivastava, P. S. 4029, 8953
Srivastava, R. B. 2183, 6725
Srivastava, R. P. 1833, 9697
Srivastava, S. 8953, 12481
Srivastava, V. 148, 5611
Srivastava, V. C. 2481
Srivastava, V. K. 7531
Sriyoheswaran, S. 4718
St-Pierre, C. A. 10509
Stace, H. M. 3064, 8900
Stacey, G. 12062, 12137
Stachewicz, H. 4921
Stack, S. 6248
Stack, S. M. 567, 12599
Stackhouse, K. S. 11185
Stacy, R. A. P. 1324
Staden, J. van 1957, 6603, 8805, 8872-8874
Stadlhuber, A. 1738, 2701
Staehelin, C. 4820, 11497
Staehelin, L. A. 3323
Stafford, A. 10763
Stagi, L. 6682
Ståhl, Å. 6792
Stahl, R. 9707
Stahl, R. J. 9667
Stahr, H. M. 10547
Stainer, R. 10661, 11668
Stålberg, K. 821, 5172
Stalker, D. M. 4137
Stalker, H. T. 2770, 2772, 6271
Stall, R. E. 1663
Stallknecht, G. F. 149, 7915
Stam, M. 5523, 12008
Stamenković, S. 11689, 11737
Stamenković, T. 11737
Stamigna, C. 5036
Stamova, L. 10594
Stamp, P. 4611, 4837, 6946
Štampar, F. 8473, 11665, 11672-11673, 11832, 12641
Stanca, A. M. 1329-1330, 8011-8012, 8032
Stančević, A. 11689, 11696
Stanchina, E. 2319
Stancu, T. 729
Standardi, A. 11210
Staneloni, R. J. 6328
Stanford, G. L. 7314
Stange, C. 10850
Stangoulis, J. C. R. 12735
Staniené, G. 11622
Stanisavljević, M. 652
Stanisława, M. R. 6840
Stanko, S. A. 540
Stankoviǩ, L. 5806, 6140, 6151
Stanley, J. 919, 8704, 10866
Stanley, J. S. 858
Stanosz, G. R. 10923
Stansel, J. W. 5917
Stanton, J. 8710
Stanys, V. 658, 11622
Staples, G. W. 8400
Stapleton, C. M. A. 11091, 12055
Stapleton, P. 13063
Starck, J. M. 2114
Starczewski, J. 10136
Stark, A. 5195
Stark-Lorenzen, P. 11443
Starke, R. 10911
Starkova, N. N. 2491
Starlinger, F. 11974
Starova, N. V. 1024
Starr, J. L. 1482, 4079
Starrantino, A. 10740-10741, 12692
Starshova, N. P. 97
Starzycka, E. 10778
Starzycki, M. 10778
Staskawicz, B. 8966, 11645
Staskawicz, B. J. 5040
Stassen, N. Y. 9549
Stastny, K. 2244
Staszkiewicz, J. 8798
Staub, J. E. 1707-1708, 2067, 2124, 2646, 2648-2649, 7775, 8450, 8457, 9584, 12635, 12637
Staub, J. M. 3213, 7840
Štaud, J. 4149
Stav, R. 6475
Stavridis, T. 4847
Stavropoulos, N. 9094
Stavroulakis, G. 9621
Steadman, J. R. 3739, 6050
Stebbins, G. L. 8020
Stec, A. 6940
Stecca, K. L. 7148
Stecka, E. 7176
Steed, A. 5599
Steele-Scott, N. 1441
Steen, A. van der 3790
Steen, P. 8681
Steenackers, J. 4176
Steenackers, M. 1884, 4170, 4176, 12878
Steenackers, V. 4176
Steenekamp, P. J. 799
Steer, M. W. 6324
Stefani, A. 2384, 10043
Stefani, E. 5249
Stefanini, F. M. 2949
Stefanini, M. 3987
Stefanov, I. 7559
Stefanowska, G. 6837
Steffens, J. C. 9556
Steffenson, B. J. 1334, 5687, 8044, 10091
Steger, G. 3179
Stehno, Z. 10021
Stein, J. C. 8567
Steinbach, H. S. 6965
Steinbach, J. 8188
Steinbach, P. 548, 552-553
Steinbrecher, R. A. 9954
Steindler, C. 9985
Steiner, H. Y. 2047, 7842, 9993
Steiner, J. J. 7112
Steiner, K. E. 8882
Steiner, U. 11820
Steinkellner, H. 1738, 8781, 12863
Steinmetz, A. 2754, 2756
Steinmeyer, K. 7822
Steinrücken, G. 888, 8673
Steinum, T. 1324
Stelling, D. 4849
Stellmach, G. 3975
Stelly, D. M. 935, 3039, 3269, 6623, 7593, 7666, 8717, 10873
Stenlid, J. 2978-2979
Stenzler, L. 4431
Štěpánek, J. 4332
Štěpánek, S. 5220
Stepantsov, V. O. 3494
Stephan, B. R. 11956
Stephan, U. W. 2573
Stephens, C. T. 11646
Stephens, D. B. 3624
Stephens, J. L. 3346, 4548
Stephens, L. C. 2488
Stephens, P. A. 7129
Stephens, W. 1843, 12876
Stephenson, A. G. 1704
Stephenson, P. 7925
Steponkus, P. L. 3244
Sterle, S. 12448
Stermer, B. A. 7217
Stern, D. B. 584
Stern, W. L. 12025
Stettler, R. F. 5288, 8785, 9790, 10917
Stettner, C. 11339
Steup, M. 4419, 12547
Stevens, J. F. 1983
Stevens, M. 4176
Stevens, R. 4871
Stevenson, D. W. 5326
Stewart, C. 12882
Stewart, C. N., Jr. 2438, 4053
Stewart, D. 9734
Stewart, D. W. 4617, 11357, 12324
Stewart, H. E. 4920, 7229
Stewart, J. M. 8715, 11904, 11909
Stewart, T. M. 5990
Stewart, W. M. 6776

Stewart-Williams, K. D. 8296-8299
Sthapit, B. R. 3150, 3572-3573, 7943, 12355
Sticher, L. 11194
Sticklen, M. B. 3448
Stiefel, V. 9021
Stiefkens, L. 6539
Stiekema, W. J. 1849, 6305, 7439, 8371, 12722
Stierle, M. 6850
Stiles, J. 9644
Stiller, J. 11519
Stinard, P. 5703, 10139, 10161-10162, 10211-10214, 10216, 10224, 10237
Stinard, P. S. 239
Stine, M. 10954
Stipanovic, R. 6354
Stipic, M. 10579
Stirling, F. 7502
Stirpe, F. 13005
Stirton, C. H. 10393
Stitt, M. 8696, 9742
Stobart, A. K. 9876
Stocchi, V. 5478, 9901
Stockhaus, J. 9839
Stockinger, E. J. 6644
Stoddard, F. L. 2237
Stoehr, M. U. 5320
Stoesser, T. 6850
Stoeva, P. 11816
Stoeva, T. 9892
Stoffelen, P. 6315
Stöger, E. 5611
Stoian, E. 729, 735
Stoian, I. 11698
Stoike, L. L. 6462
Stoilov, L. M. 1319, 10104
Stojałowski, S. 1347, 3408
Stojanović, J. 2200, 2225
Stojanović, S. 2200, 2225
Stojkovski, C. 7960
Stöldt, A. 6791
Stoll, K. 663
Stolle-Smits, T. 1511
Stoltz, T. 12610
Stoltzfus, J. 445
Stomp, A. M. 1900
Stone, B. A. 111, 1311
Stone, G. N. 10931
Stone, J. 9031
Stone, J. M. 11334
Stone, L. F. 4862-4863
Stone, N. K. 6126
Stone, P. J. 4496, 4511
Stone, V. 2451
Storlie, E. W. 5626
Storm, H. G. 1914
Störmann, K. 1569
Storme, V. 1884, 12878
Storms, M. M. H. 9759
Storz, G. 75
Stougaard, J. 11510
Stougaard, R. N. 7915
Stoutjesdijk, P. A. 428
Stover, E. W. 10706
Stovold, G. E. 3717
Stowe, E. L. 12919
Stoyanova, S. 235, 286
Stoyanova, S. D. 6729
Stpiczyńska, M. 4794
Straathof, T. P. 3097-3098, 12014
Strabala, T. J. 915
Strack, D. 9012
Strada, G. della 8483
Straeten, D. van der 9974, 12191
Straeten, V. van der 1643
Straka, P. 8422
Stramski, A. K. 5456
Strand, A. E. 4256, 6621
Strandberg, J. O. 12557
Strange, R. N. 6287, 12517
Stransky, H. 1364
Strasser, R. J. 9747
Stratilakis, S. 6827
Straume, M. 3237, 11172
Strauss, S. H. 12872
Strauss, S. Y. 9527
Strazdina, V. 4518
Streiff, K. 9117
Streiff, R. 8781, 12863
Streitz, D. 8594
Strel'nikova, T. R. 2643
Strenge, D. D. 11215
Strid, A. 11516
Strid, H. 9149
Striem, M. J. 3982, 8510
Stringam, G. R. 8615, 10776
Stringer, J. K. 8623
Stringi, L. 4846
Strizhov, N. 5596
Strnad, M. 6327, 12819
Strohm, M. 6377
Strömberg, A. 6091
Strømme, E. 1138
Strommer, J. 7686
Strout, G. W. 5456
Strübi, P. 10754
Struck, M. 9818
Strudwick, N. J. 10466
Štrukelj, B. 8381, 10533
Strukova, L. V. 6130
Struss, D. 4039, 7974
Struzhko, V. S. 9244
Strzembicka, A. 6898
Stubbs, J. D. 5404
Stuber, C. W. 2266, 5706, 10260, 11331
Stuchlíková, E. 2194-2195
Stuczyńska, E. 8207
Stuefer, J. F. 12035
Stuitje, A. R. 6297
Sturm, A. 1586
Stushnoff, C. 10863
Stuthman, D. D. 1341
Stuurman, J. 3859
Stymne, S. 2743
Su, P. 4317
Su, R. C. 5879
Su, W. Q. 10444
Su, X. H. 6376
Su, Y. W. 1597
Su, Z. Y. 9882, 9884
Su Pu 4317
Su RueChih 5879
Su WenQuan 10444
Su XiaoHua 6376
Su YiWen 1597
Su ZhiYun 9882, 9884
Suangtho, V. 11953
Suardi, M. C. 916
Suárez, E. Y. 8001
Suárez, H. J. 10831
Suarez, R. G. 3404
Suarez-Cervera, M. 1086
Subbalakshmi, B. 846
Subbalaxmi, L. 2776
Subbaram, N. R. 6600
Subbaraman, N. 3570-3571, 10268
Subbarao, I. V. 10882
Subbiah, V. R. 12434
Subedi, K. D. 7935, 8944, 10068, 11272
Subedi, M. 7935, 9488, 10068, 11272, 12306, 12355
Subedi, P. P. 7319, 12185
Subhadra Madan 3339
Subhadrabandhu, S. 2726, 7423
Subhash, K. 1888, 7330
Subrahmanyam, P. 7510
Subramaniam, K. 119
Subramaniam, R. 9513
Subramaniam Sivaramakrishnan 11382
Subramaniampillai, A 5192
Subramanian, M. 334, 8349
Subramanian, S. 334
Subramanian, V. 10751
Subramanyam, D. 7613
Subrata Maity 12732
Subudhi, P. 8136
Subudhi, P. K. 4679, 8150, 10303
Sucher, A. 7745
Suchorska, K. 4309
Sudama Singh 1833
Sudarmadji, D. 4109
Sudeep Singh 8579
Sudhakar, C. 10713
Sudhakar, D. 3561, 3694
Sudhakar, K. R. 3536
Sudhir Shukla 1990, 6532
Sudo, K. 7035
Suefferheld, M. 10863
Suen, D. F. 1402, 7574
Suen DerFen 1402
Suganuma, N. 12508
Sugar, D. 11679
Sugawara, A. 3333
Sugawara, H. 5590
Sugawara, K. 11542
Sugawara, S. 8185-8186
Suge, H. 11250
Sughroue, J. R. 8080
Sugii, N. 12980
Sugimori, M. H. 1752
Sugimoto, A. 5215
Sugimoto, K. 910, 2345
Sugimoto, M. 7297
Sugimura, Y. 13041
Sugita, K. 9949
Sugita, M. 3185, 11878
Sugita, S. 405
Sugiura, A. 11782
Sugiura, K. 10359
Sugiura, M. 2021, 2966, 3185, 6319, 11159, 11878
Sugiyama, M. 7680, 9832
Sugiyama, T. 2250, 6916, 12320
Sugoor, R. K. 7491
Suh, D. Y. 1307-1308, 5676
Suh, H. D. 563
Suh, H. S. 1307-1308, 4667, 7050, 8267, 9374, 9544, 9827
Suh, J. S. 1485
Suh, K. H. 2036
Suh, K. Y. 2036
Suh, S. G. 12544
Suh, S. J. 1309, 5664
Suh, S. K. 582
Suh DuckYong 1307-1308, 5676
Suh HyoDuk 563
Suh HyungSoo 1307-1308, 8267, 9374, 9544, 9827
Suh JeongSun 1485
Suh KiHo 2036
Suh KyuYong 2036
Suh SaeJung 1309, 5664
Suh SangGon 12544
Suharsono 2839
Suhas Yelshetty 9463
Suhayda, C. 11774
Suhendro, E. L. 4609
Suhendry, I. 8753, 8772
Sui, F. G. 11354
Sui, L. 10938
Sui, S. X. 12832
Sui, W. 5091
Sui FangGong 11354
Sui ShuXiang 12832
Sui Wei 5091
Sujatha, M. 6298
Sukanten, I. W. 11512
Sukanya, D. H. 6278
Sukekiyo, Y. 4726
Sukhani, T. R. 5857
Sukhchain 10828
Sukhwinder Kaur 6289
Sukno, S. 2763
Suksa-Ard, P. 7423
Sulemani, M. Z. 8733
Sulewska, H. 11358
Sułkowska, M. 956
Sulladmath, V. V. 7202, 10507
Sullivan, C. Y. 10071
Sullivan, J. A. 6435
Sultan, M. K. 4076
Sumbayak, B. S. 11621
Sümer, Ş. 204, 6785
Sumita Jha 7711
Sumitra Sen 4297
Sumkina, L. V. 6951
Summerfield, R. J. 1255, 5849, 9488, 12193, 12462
Summermatter, K. 11194
Summers, R. G. 3642
Summers, W. L. 1664
Sumona Mukherjee 1525
Sun, B. L. 3448
Sun, B. T. 2273
Sun, C. 10667
Sun, C. C. 6250, 10767, 12719
Sun, C. F. 4322
Sun, C. R. 2140
Sun, C. W. 2878, 8997
Sun, F. R. 3356
Sun, G. L. 7084
Sun, G. R. 3295
Sun, H. T. 12841
Sun, H. X. 9139
Sun, J. 2541
Sun, J. B. 1686
Sun, J. L. 1398
Sun, J. M. 8272
Sun, J. S. 2143, 4479, 4696, 12207, 12222
Sun, J. Y. 3698
Sun, J. Z. 7274, 9123, 9769
Sun, L. 7328, 9003
Sun, L. H. 5926
Sun, L. J. 4552
Sun, L. Z. 6719
Sun, M. 9860
Sun, M. X. 9727
Sun, O. J. 1891
Sun, P. T. 2533, 2539, 4959, 7282, 7288, 10580
Sun, Q. X. 168, 1279, 5624
Sun, R. 9215
Sun, R. F. 2543-2544
Sun, R. Y. 5137
Sun, S. C. 2153, 11226
Sun, S. S. 8645
Sun, S. W. 8430
Sun, S. Y. 392, 8179
Sun, T. P. 7177, 11178
Sun, W. B. 9840
Sun, W. X. 9114
Sun, X. 10988
Sun, X. L. 12382
Sun, X. S. 10643
Sun, Y. 2153, 11226
Sun, Y. F. 210, 4550
Sun, Y. H. 10663
Sun, Y. J. 10987
Sun, Y. L. 5687, 10091
Sun, Y. R. 2319
Sun, Y. S. 6880, 11324
Sun, Y. Z. 4624, 9116
Sun, Z. D. 9760
Sun, Z. K. 2641
Sun, Z. R. 1209
Sun, Z. X. 3588, 3593, 4725, 7023, 10294, 11412
Sun BaoLin 3448
Sun BoTao 2273
Sun ChaoCai 6250, 10767, 12719
Sun ChihWen 8997
Sun ChongRong 2140
Sun Chu 10667
Sun ChuanFang 4322
Sun ChuanWei 2878
Sun FenGrui 3356
Sun GenLou 7084
Sun GuiRong 3295
Sun HaiPing 10990
Sun HongTao 12841
Sun HuiXian 9139
Sun JiaLin 1398
Sun Jian 2541
Sun JianYing 3698
Sun JiaZhu 9123
Sun JieBo 1686
Sun JingSan 2143, 4479, 4696, 12207, 12222
Sun JiZhi 7274
Sun JiZhong 9769
Sun JunMing 8272
Sun Lan 7328
Sun LanZhen 6719
Sun LiJun 4552
Sun Lin 9003
Sun LiYan 2844, 2844
Sun Mei 9860
Sun MengXiang 9727
Sun PeiTian 2533, 2539, 4959, 7282, 7288, 10580

Sun QiXin 168, 1279, 5624
Sun RiFei 2543-2544
Sun SanWen 8430
Sun ShanCheng 11226
Sun ShangCheng 2153
Sun ShuYuan 392, 8179
Sun TaiPing 7177, 11178
Sun WeiBang 9840
Sun WenXian 9114
Sun Xia 10988
Sun XinLi 12382
Sun XiSheng 10643
Sun YaoZhong 9116
Sun YinHuai 10663
Sun YongLiang 5687, 10091
Sun YongRu 2319
Sun Yu 2153, 11226
Sun YuanShu 6880, 11324
Sun YueFang 210, 4550
Sun YuJian 10987
Sun ZaiRen 1209
Sun ZhiDong 9760
Sun ZhongKui 2641
Sun ZongXiu 3588, 7023, 10294, 11412
Sundar, M. S. 8627
Sundara, B. 2788
Sundaram, N. 455
Sundaresan, V. 1216, 4371
Sundberg, B. 4169, 11934, 12868
Sundberg, E. 4045, 4400, 9024
Sundberg, M. 9261
Sunde, M. 4757
Sunderasan, E. 8769
Sung, N. K. 12385
Sung, S. K. 10653, 11670
Sung, Z. R. 3222, 9005, 11176
Sung NaeKyung 12385
Sung SoonKee 10653, 11670
Sunglow Flowers Pty Ltd 3048
Sunil, H. K. 5213, 7532
Sunita Jain 11811
Sünkel, S. 7828
Sunohara, Y. 8131, 8178
Sunseri, F. 1798, 2753, 4060, 4063, 7493, 10784, 12616
Sunset Nursery 3015-3016
Suntory Ltd 1074-1077
Suo, Y. Y. 565
Suo YuYing 565
Suominen, M. 5663
Suprasanna, P. 8165
Suputtitada, S. 2355, 5894, 12392, 12528
Surányi, D. 721, 12649
Surdam, D. 9235
Sürek, H. 8050
Surendra, H. S. 12527
Suresh, J. 9212
Suresh, K. 7465, 10487
Suresh, K. M. 7853
Suresh, M. 10268
Suresh, S. 802
Suresh Kumar 3871, 3871, 3875
Suresh Nair 3584
Suresh Ramachandran 4053
Suri, S. S. 11063
Suri Sehgal 6599
Surico, G. 8496, 8925
Surin, N. A. 10118
Suriyapananont, S. 2726
Šurlan-Momirović, G. 11725
Surma, M. 5684
Suryanarayana, V. 10746
Suryavanshi, Y. B. 11393
Susek, R. 9011
Sushil Kumar 2745, 3280, 4298, 4300, 12348, 13045
Sushila Kunda 872
Sushila Kundu 4087
Susín, I. 7334
Susmita Koley 7172
Sussex, I. M. 3866
Sussman, M. R. 3231
Sutapa Kumar 9886
Sutaria, C. M. 12834
Suthamathi, P. 12353
Sutherland, B. M. 8146
Sutherland, G. 8945
Sutherland, J. C. 8146
Sutherland, J. M. 9794
Sutka, J. 2126, 4463, 4514, 12272
Sutter, A. 1010
Suttner, B. 9408, 10431
Suttner, R. 6020, 11541
Suttner, R. J. 1503, 6021
Sutton, B. C. S. 11968
Sutton, F. 12271
Sutton, G. 5535, 7770
Sutton, J. C. 11745
Sutton, K. H. 4503, 10562, 12251
Sutus, M. 2400
Suurs, L. C. J. M. 1621
Suvorova, G. N. 1423
Suwanpornskul, R. 12477
Suwarno 11846
Suyama, Y. 1017, 10983
Suzuki, A. 5414
Suzuki, G. 1776, 11530
Suzuki, H. 3581, 7697
Suzuki, J. Y. 6319
Suzuki, K. 7820
Suzuki, M. 1713, 2990, 3988, 9201, 11678, 12680
Suzuki, S. 10693
Suzuki, T. 5120, 6322
Suzuki, Y. 1409, 5218, 5933, 7297, 11417
Švachula, V. 9706
Svanberg, S. J. M. 8396
Svanella, L. 9596
Svendsen, O. S. 8295
Svensson, J. 10951
Svensson, L. 1760
Svensson, R. 4931
Svetleva, D. 12487-12488
Svitashev, S. 4774, 12203
Svolba, J. 6370, 11970
Swain, D. 5301, 5485, 12772
Swain, S. K. 1269
Swain, S. M. 3167, 7177
Swaminathan, M. S. 9907
Swamy, G. S. 10272
Swamy, K. R. 7537
Swane, R. 5385
Swanston, J. S. 9170, 12291
Swapna Mukherjee 7711
Swartz, H. J. 10706
Swarup, V. 5047
Swati, M. S. 113, 131, 138
Swedjemark, G. 2978-2979
Sweeney, P. M. 2374, 4450, 4817, 5965, 10019
Sweet, G. B. 1001, 1891
Sweetingham, M. W. 1472
Sweetlove, L. J. 3788, 3799
Sweetnam, R. C. 8655
Swennen, R. 2710, 8718
Swensen, S. M. 4453
Swenson, J. L. 9192
Święcicki, W. K. 1524
Swinburne, J. 77
Swize, M. A. 9322
Syamal, M. M. 3040, 8435-8436, 9562
Sybenga, J. 4439
Sychov, A. I. 740
Syed, K. 8551
Sykes, S. R. 1718, 7411
Sýkorová, S. 2219-2220, 3693
Sylvester-Bradley, R. 7990
Symeonidis, L. 2406
Symons, G. M. 2461
Symons, M. H. 8023
Synková, H. 2269
Syntichaki, K. M. 2698
Syono, K. 5553
Sype, H. van de 10974
Sytin, A. K. 2415, 4338
Syvertsen, J. P. 5150
Szabó, A. T. 9142-9143
Szabo, L. J. 1342
Szabó, T. 7368, 11699
Szabò, V. 11196
Szabó, Z. 697-698, 708-709, 716, 727, 8487-8489, 11707, 11715-11718, 11722, 11733
Szakál, P. 10480
Szalka, É. 10480
Szani, S. 10581
Szarejko, I. 10103
Szczyglowski, K. 445, 9355
Szederkényi, J. 12770
Szente, K. 12269
Szentesi, Á. 4928
Szentmihályi, K. 10668
Szepesy, K. 626
Szépréthy, T. 8922
Szeto, W. 6650, 9973
Szewc-McFadden, A. K. 9655
Sziklai, O. 1019
Szirmai, S. 9898
Szlachetko, D. L. 1976, 8892-8893
Szlavnics, Z. A. 1270
Szmidt, A. E. 2968, 6408, 13048
Szpiniak, B. 10284
Szunics, L. 1293, 4517, 10089, 10089
Szymanski, D. B. 58
Szyrmer, J. 451-452, 456
't Hart, H. 1983, 7708
Taal, A. J. C. 5883
Taba, S. 5761, 9245, 10137, 11329
Tabaeizadeh, Z. 5028
Tabak, S. 5560
Taban, S. 4512
Tabashnik, B. E. 8969
Tabata, M. 5472
Tabata, S. 9004
Tabayashi, N. 10546
Tabbush, P. 959
Tabei, Y. 1171
Tabel, U. 976, 998
Tabira, H. 11680
Tabuchi, K. 2423, 6000-6001
Tacconi, M. 5095
Tacconi, M. G. 4996
Tacconi, R. 2751
Tachibana, K. 1979
Tachibana, T. 12140
Tachida, H. 1227
Tacke, E. 3804, 7230
Tada, Y. 352
Tadeo Robledo, M. 4594
Tadesse, M. 10842
Tadesse Mebrahtu 10427
Tadmor, Y. 1358, 5816
Taets, C. 4598
Tagiri, A. 2334
Tagliani, L. 5709
Tagliani, L. A. 8614
Tagliavini, M. 2673
Taguchi-Shiobara, F. 7042, 10301
Tague, B. W. 3210
Tagwira, F. 10821
Tahara, M. 1291
Tahir, I. I. 11675
Tahir, M. 2463, 11282
Tahvanainen, J. 2929
Tahvanainen, L. 2947
Tai, G. C. C. 7223
Tai, P. Y. P. 875, 877, 9698
Taiz, L. 11189
Tajima, F. 1199
Tajima, K. 13041
Tajima, S. 7135
Tajinder Singh 11293
Tajnsek, A. 6807
Tak, G. M. 8587
Tak, K. 4185
Takabe, K. 5242, 11876
Takabe, T. 9281
Takada, J. 6540
Takagi, H. 9524
Takagi, I. 2990
Takagi, M. 7584, 8441
Takagi, T. 12470
Takagi, Y. 1500, 2837, 4830-4831, 6124, 7149
Takahara, H. 1017
Takahashi, E. 11753
Takahashi, H. 2837, 3846, 4123, 6124, 7986, 9714, 11135, 11250
Takahashi, K. 466, 2423, 6000-6001, 7429
Takahashi, M. 352, 4832, 7624
Takahashi, N. 6000-6001, 7035, 7819
Takahashi, R. 10429
Takahashi, S. 5008
Takahashi, S. Y. 7697
Takahashi, T. 7046, 12033
Takahashi, Y. 1853, 4113, 7557
Takahata, Y. 1612, 1615, 3815, 7254, 7280, 10773
Takaiwa, F. 2317, 9286, 9651
Takamiya, K. 11530
Takamura, H. 12471
Takamura, T. 1081
Takane, K. 7135
Takano, M. 7016
Takano, T. 12469
Takano, Y. 6228
Takanokura, Y. 795
Takao, A. 7684
Takao, S. 7684
Takao, T. 6916
Takasaki, K. 5757
Takasaki, T. 10574
Takasaki, Y. 7140, 7506
Takashina, T. 5008, 9551
Takaso, T. 2987, 4212
Takatsuji, H. 8857
Takaya, N. 7584
Takayama, S. 4043, 13011
Takayama, T. 9852, 10062
Takeba, G. 2335, 3905, 7341
Takeda, H. 3838-3839
Takeda, J. 9517
Takeda, K. 1331-1332, 1411, 10119, 11250, 11320, 12208, 12292
Takeda, K. Y. 3890, 12615
Takeda, M. 1780
Takeda, O. 4315
Takeda, S. 910, 2835
Takeda, T. 1612, 5403
Takeda, Y. 2823
Takei, K. 2250
Takei, M. 12012
Takeichi, J. 5194
Takeoka, G. R. 12069
Takeoka, Y. 2480
Takeshita, A. 7683
Takeshita, D. 12959
Taketa, S. 8022, 11227, 12208
Takeuchi, H. 7649
Takeuchi, Y. 8317, 11429
Takezawa, D. 2494, 3449
Takumi, S. 3306, 4472, 6498, 11238, 11418, 12217, 12226
Takura, Y. 6932
Takusagawa, S. 3581
Takvorian, A. 9194, 11237
Talavera, S. 2725, 10976
Talbert, L. E. 106, 1313, 5626, 8213
Taleei, A. R. 7959
Taliaferro, C. 3554
Taliaferro, C. M. 1389
Taliercio, E. W. 276
Talluri, P. 2758
Talukdar, B. S. 6985, 12345
Talukdar, P. 1673, 7156, 11062
Talukder, M. Z. I. 4641
Tamai, Y. 11925
Tamaoki, M. 9741, 11877
Tamás, L. 301
Tamayama, S. 9298
Tamayo, P. J. 2829
Tamayo, R. G. 1976
Tamilselvan, N. 2776
Tamime, O. 11907
Tamiya, S. 3816
Tamkoç, A. 11071
Tammisola, J. 10896
Tamoshyunene, R. 2514
Tamošiūnienė, R. 2514
Tamulonis, J. P. 458, 3709, 7162, 11545
Tamura, K. 4702
Tamura, Y. 8130-8131
Tan, A. 2773, 7764
Tan, Â. M. 6362, 8776
Tan, A. Ş. 2773
Tan, B. 12001

Tan, B. C. 10200
Tan, C. C. 4462
Tan, F. 9814
Tan, H. 2871, 2917, 6362, 8763, 8765, 8776, 12847
Tan, K. 11516
Tan, K. H. 645
Tan, M. K. 4487
Tan, S. L. 947
Tan, S. Y. 1696
Tan, T. K. 8466
Tan, V. le 12838
Tan, X. W. 579
Tan, X. Y. 366
Tan, Y. J. 3635, 7607, 9313-9314, 9411
Tan, Y. P. 6214
Tan, Z. 3585, 6273
Tan, Z. B. 4681
Tan Feng 9814
Tan Hong 8765
Tan KeHui 645
Tan ShiLin 947
Tan SuYing 1696
Tan XiuYun 366
Tan XuwWen 579
Tan YongJiu 7607
Tan YuJuan 9313-9314
Tan YuJun 9411
Tan ZhenBo 4681
Tan Zhong 6273
Tanaka, A. 3904
Tanaka, C. K. 3360
Tanaka, H. 5008
Tanaka, I. 6669
Tanaka, J. I. 2822
Tanaka, J. S. 3890, 12615
Tanaka, K. 1014, 7011, 7135, 7820, 8134, 10583
Tanaka, M. 11637, 12578
Tanaka, N. 12283
Tanaka, R. 3904
Tanaka, R. T. 468, 7871
Tanaka, S. 7173, 9989
Tanaka, T. 344
Tanaka, Y. 1951, 5934, 8140
Tănăsescu, M. 5025
Tandon, J. P. 6734, 6754, 7956
Taneja, A. D. 871
Taneyhill, D. 10680
Tang, B. 2885
Tang, B. Q. 2567
Tang, B. R. 5651
Tang, C. 1471
Tang, C. Q. 11350
Tang, C. Y. 10731
Tang, D. L. 9771
Tang, D. Z. 5896, 11414
Tang, F. S. 9684
Tang, G. 9975
Tang, H. X. 1207
Tang, K. L. 1774
Tang, L. H. 10286
Tang, L. Y. 3617
Tang, P. S. 9718, 11837
Tang, Q. J. 6533
Tang, R. S. 8149
Tang, S. 11647
Tang, S. Q. 2337
Tang, S. X. 3616, 6690, 7007
Tang, W. 9506, 9853, 11960
Tang, W. D. 8645
Tang, X. H. 354, 356, 3595, 5891, 11411, 12374, 12727
Tang, X. L. 5109, 7386, 10687
Tang, X. Y. 5038-5039, 10604, 11644
Tang, Y. 8804
Tang, Y. H. 7045, 10420
Tang, Y. J. 3303, 7596
Tang, Y. L. 7323
Tang, Z. J. 1771
Tang, Z. L. 1775, 2736, 10990
Tang Bing 2885
Tang BingQiu 2567
Tang BoRang 5651
Tang ChongQin 11350
Tang DeLiang 9771
Tang DingZhong 5896, 11414
Tang FengShou 9684
Tang HuiXian 1207
Tang KeLiang 1774
Tang LingHwa 10286
Tang LiYun 3617
Tang PeiSong 9718, 11837
Tang QingJiu 6533
Tang RiSheng 8149
Tang ShaoQing 2337
Tang ShengXiang 3616; 7007
Tang ShunXue 6690
Tang Wei 9506, 9853, 11960
Tang XiaoHua 12727
Tang XiaoYan 5039, 10604, 11644
Tang XiHua 354, 356, 3595, 5891, 11411, 12374
Tang XinLian 7386
Tang XiouLian 10687
Tang XiuLian 5109
Tang Ya 8804
Tang YingLa 7323
Tang YongHong 7045
Tang YongJiu 7596
Tang YuHong 10420
Tang ZeJing 1771
Tang ZhangLin 1775, 2736
Tang ZhengLiang 10990
Tangmitcharoen, S. 10936
Tanguy, A. M. 185
Tanguy, X. 8566
Tanhuanpää, P. 11598
Tani, A. 6400
Tani, T. 5936
Tanida, M. 10546
Taniguchi, T. 2480
Taniguchi, Y. 6766, 10038
Tanio, M. 10062
Tanisaka, T. 1410, 3633, 4706, 4708, 10317, 11420, 12018
Tanislav, N. 8069
Tanki, M. I. 2606
Tanksley, S. 9570
Tanksley, S. D. 931, 1403, 1421, 1582, 1655, 6141, 11641, 12079, 12612
Tanner, G. J. 432, 11338, 12400
Tanner, J. W. 11531
Tanosaki, S. 8185-8186
Tanoue, H. 348, 9287, 12368
Tanrısever, A. 731
Tantau, H. 4561
Tantikanjana, T. 8567
Tanzarella, O. A. 3327
Tanzi, F. 2753, 2758, 10784
Tao, B. 1521
Tao, D. Y. 365
Tao, H. 10619
Tao, K. L. 11837
Tao, L. Y. 393
Tao, Q. N. 5918
Tao, R. 11782
Tao, R. X. 392, 8179
Tao, W. J. 913, 9304
Tao, Y. 4826, 6958-6959, 6978
Tao, Y. S. 5632
Tao, Y. Z. 6975
Tao Bo 1521
Tao DaYun 365
Tao Hong 10619
Tao KarLing 11837
Tao LinYong 393
Tao RongXiang 392, 8179
Tao WenJing 913, 9304
Tao Yun 4826
Tao YunShen 5632
Tapia, M. 4754
Tappeser, B. 3159
Tapsoba, H. 8124
Tara, J. S. 3990
Taramino, G. 5722, 12338
Taranenko, L. I. 740
Tarawali, S. A. 1470
Tarayre, M. 7729
Tarbouriech, M. F. 12929
Tarchevskaya, S. 3856
Tarchini, R. 12338
Tárczy, H. M. 2379
Tárczy, M. H. 3678
Tardy, F. 10105
Targon, M. L. P. N. 5146
Tariq, A. H. 1560, 1563
Tariq, M. 938, 943, 8120
Tarkowski, C. 6837, 6868
Tarpley, L. 11377
Tarr, A. W. 214
Tarsem Lal 5063, 9577
Tartarini, S. 7362
Tasaka, M. 11179, 11186
Tase, K. 1435
Taséi, J. N. 12478
Tashakorie, A. 10803
Tashi, D. 8126
Tashi Dawa 12245-12246
Tashimo, K. 4296
Tashiro, Y. 2646, 6107, 7683
Taşkın, K. M. 5196
Tassi, F. 4986
Tassoni, F. 2500, 10524
Tatarenkov, A. N. 89
Tatarinov, A. N. 747
Tatemichi, Y. 6367
Tatham, A. S. 852, 3342
Tattini, M. 7503, 11835
Taub, C. C. 2082
Taub, D. R. 830
Taura, S. 10559
Tausta, S. L. 10150
Tava, A. 12438
Tavares, R. 12924
Tavazza, M. 6338
Tavazza, R. 6338, 12893
Tavoletti, S. 2397, 5974, 11494, 12414, 12437
Távora, F. J. A. F. 2877
Taware, S. P. 9397, 9404, 11534
Tay U., J. 9429
Taya, S. 10062
Taylor, A. G. 4860
Taylor, C. B. 2042, 12194
Taylor, D. C. 837, 10972, 11809
Taylor, D. R. 1062
Taylor, G. A. 7915
Taylor, G. J. 156, 3346, 9146, 9150, 10075
Taylor, J. D. 10461
Taylor, J. E. 12603
Taylor, J. F. 935
Taylor, L. P. 11205
Taylor, M. 11211
Taylor, M. A. 9030
Taylor, M. B. 12535
Taylor, M. G. 3565
Taylor, M. L. 6353
Taylor, N. 3810
Taylor, N. J. 10552, 11613
Taylor, N. L. 5496
Taylor, P. E. 11799
Taylor, P. W. J. 12510
Taylor, R. 773, 4021, 5732, 5802, 7735-7736
Taylor, R. A. 8734
Taylor, S. 1600
Taylor, S. A. 494
Taylor, S. J. 12801
Taylor, S. L. 816, 4375
Taylor, T. 6707
Taylor, W. C. 5404, 9839
Tcacenco, F. A. 10384
Teasdale, R. D. 12850
TeBeest, D. O. 8180
Tedesco, G. 11755
Tedesco, S. B. 8219
Tedone, L. 8550
Teeri, T. 5681
Teeri, T. H. 6472, 7672, 11303
Teetes, G. L. 3553
Tefera, H. 12430-12431
Tegeder, M. 5991, 9426
Teichmann, C. 1325
Teisseire, H. 2967
Teissie, J. 247
Tejaswini 7614
Tejklová, E. 5262
Tekauz, A. 221, 4563
Tekin, H. 4018
Tekintaş, F. E. 681
Teleki, Z. 7396
Teli, V. S. 3819, 11615
Téllez, P. 12790
Téllez-Valdés, O. 11617
Telli, M. 2752
Tello, J. 5037
Telloli, R. 2811, 10836
Temnykh, S. 497
Temple, C. M. 6312
Temple, S. 6051
Templeton, G. E. 8176
Ten Cate, C. H. H. 2063
Ten Have, A. 9835
Ten Hoope, M. 1051
Ten Hoopen, R. 1965
Teng, B. 1515
Teng, L. S. 2331
Teng, S. 11408
Teng, S. Y. 12249
Teng, W. M. 1400
Teng, X. Y. 3319, 5623
Teng, Y. D. 5050-5051
Teng Bing 1515
Teng LiSheng 2331
Teng Sheng 11408
Teng ShiYun 12249
Teng WeiMin 1400
Teng XiaoYue 3319, 5623
Teng YouDe 5050-5051
Tenhaken, R. 6010
Tenllado, F. 1862
Tennant, P. 9643
Tenning, P. 7800, 8681
Tepfer, D. 2844
Tepfer, M. 23, 28, 1778, 3165
Tepperman, J. M. 351
Teppner, H. 4285
Terabayashi, S. 4315
Terada, R. 10042
Terada, Y. 344
Terakawa, T. 7584
Teramoto, H. 3905, 7341
Teramoto, K. 373
Teranishi, R. 12069
Terao, T. 6076
Teraoka, H. 9906
Terauchi, R. 55, 1199
Terbea, M. 8101
Tercé-Laforgue, T. 11524
Teri, J. M. 3740
Terlizi, M. 669
Ternes, M. 559
Ternovskaya, T. K. 6709
Terra Nigra BV 12941-12944
Terragni, F. 3159
Terranova, G. 12692
Terras, F. R. G. 5572
Terrazas, J. M. 3518
Terrazas V., J. M. 3520, 3523
Terry, M. J. 1654, 10024, 10468
Tersac, M. 9678, 10788
Terzaghi, W. B. 8995
Terzi, V. 8034
Tesfaye, T. 3328
Tesfaye Getachew 2382
Tesi, R. 7730
Teske, E. 8845
Tesnière, C. 11749
Tešović, Z. 11721
Tesselaar, T. 5338
Tessier du Cros, E. 7627
Tester, M. 918
Testillano, P. S. 1678
Testolin, R. 8495, 10707, 10709
Testoni, A. 5121
Tetali, S. 11394
Tetsumura, T. 5158
Tetsuo, M. 6700
Teuber, L. R. 7099-7101
Teulieres, C. 12860
Teutonico, R. 3243
Teverson, D. M. 10461
Tevini, M. 9433
Tew, T. L. 11391
Tewari, I. 8615
Tewari, J. P. 8615
Tewari, K. K. 3748, 7726
Tewari, S. N. 6871
Tewari, T. N. 1833
Tewary, P. K. 11762
Tewatia, A. S. 1714
Teyssendier de la Serve, B. 1852, 3073
Teyssier, C. 12957, 12967
Tézenas du Montcel, H. 10719, 10721

Tezuka, T. 7697
Thakare, R. G. 3780
Thakkar, S. S. 8993
Thakral, N. K. 2748, 7468-7469, 7479, 12736
Thakral, S. K. 864
Thakur, A. C. 13055
Thakur, B. S. 7170
Thakur, G. S. 2231, 2236
Thakur, H. L. 9671
Thakur, J. C. 10632-10633, 11633
Thakur, J. R. 3370
Thakur, M. C. 1669, 8424
Thakur, P. D. 499
Thakur, R. 4695, 4721, 7039
Thakur, R. P. 6976
Thakur, S. 1154
Thakur, U. S. 4877
Thakur, V. S. 499
Thalhammer, J. 5666
Thalheim, C. 104
Thaller, G. 3254-3255
Thamburaj, S. 1527, 1658-1659, 1940
Thammaiah, N. 8462
Thangaraj, M. 10310
Thangavelu, S. 846, 873, 4074-4075, 6284, 6299, 7517, 7535, 9695-9696
Tharp, J. 9392
Tharp, J. E. 7131, 9391
Thatikunta, R. 6264
Thaxton, P. M. 2858, 2880
Thay, T. S. 9626
Thay TeShih 9626
The, T. T. 3361
Theerthaprasad, D. 5866
Theil, E. C. 6006
Theile, H. L. 4760
Theiler-Hedtrich, R. 3853
Thein, S. 11435
Theisen, M. 11144
Theissen, G. 10009
Thengane, S. R. 11064
Theologis, A. 42, 2054, 4390, 5928
Theologis, S. 9004
Theunissen, J. D. 10363
Theuri, J. M. 6950
Thi, A. T. P. 10803
Thiagarajah, M. R. 10776
Thibaud, J. B. 6628
Thibodeau, P. O. 3969
Thieck, O. 2489, 4905, 11599
Thiele, G. 12536
Thiele, K. 5306
Thiele, N. 1568
Thieme, R. 7226
Thierry, D. 5238
Thierry D'Ennequin, M. le 7267
Thies, W. 11810
Thijssen, M. H. 11798
Thind, H. S. 2282
Thind, S. 12401
Thind, S. K. 11756
Thind, T. S. 5063
Thinh, N. T. 9524
Thippeswamy, T. 10712
Thipyapong, P. 9556
Thirumurugan, A. 12788
This, P. 4029
Thiyagarajan, K. 863, 4082, 12776
Thom, A. L. 12428
Thom, E. 4419
Thomas, A. le 1086
Thomas, B. 11306
Thomas, B. B. T. 6779
Thomas, C. 9502, 11647
Thomas, D. 2507-2508
Thomas, D. J. 7129-7132
Thomas, D. W. 12780
Thomas, G. 1634
Thomas, H. 4771, 5548
Thomas, H. M. 10350
Thomas, I. D. 4771, 8189
Thomas, J. 7219, 8743
Thomas, J. B. 3354, 11281
Thomas, L. A. 816
Thomas, M. 927, 8767, 8771, 9001
Thomas, M. R. 1441, 3130, 8521
Thomas, P. G. 6639
Thomas, R. J. 8115
Thomas, S. 7225
Thomas, T. H. 4098
Thomas, T. L. 3195, 4777, 9082, 10549
Thomas, W. T. B. 8036, 10116, 11302
Thomashow, M. F. 3244, 6644
Thomasset, B. 9874
Thomma, B. P. H. J. 5572
Thompson, A. E. 11843
Thompson, A. J. 6801, 12595
Thompson, A. K. 11603
Thompson, G. A. 11657
Thompson, H. 5536
Thompson, H. L. 3206
Thompson, J. A. 3708, 11533
Thompson, J. D. 5426, 5970, 7729, 8865, 11484, 12011
Thompson, J. N., Jr. 11110
Thompson, M. M. 4343, 9602
Thompson, P. G. 9521
Thompson, R. 6085, 12176
Thompson, R. A. 5456
Thompson, R. D. 2249, 2256, 5776, 6913, 12314
Thompson, T. E. 12714-12715
Thompson, W. F. 1850, 11164
Thompson, W. K. 11823
Thomsen, K. K. 11319
Thomson, C. J. 9358
Thomzik, J. E. 1186, 7806, 11443
Thoppil, J. E. 1999
Thoquet, P. 5033-5034
Thordal-Christensen, H. 6797
Thorlby, G. J. 12132
Thornton, M. K. 575
Thornton, S. 10101
Thorp, R. 9649
Thorsch, J. 12025
Thorsén, J. 1885, 7629
Thorut, C. 8891
Thottappilly, G. 9519
Thouvenin, J. 2197
Thow, G. 12658
Thresh, J. M. 9519
Thseng, F. S. 2431, 11537
Thseng FuSheng 2431, 11537
Thulaidas, G. 6994
Thulin, M. 8791
Thulke, O. 6010
Thurman, D. A. 7310
Thurston, C. F. 5475
Thykjær, T. 11510
Tian, B. H. 4639
Tian, H. Q. 9726, 10855
Tian, J. B. 6196
Tian, J. C. 12230
Tian, L. 12890
Tian, L. N. 7646
Tian, R. Y. 2590
Tian, R. Z. 3556-3557
Tian, X. Y. 9505
Tian, Y. 5708
Tian, Y. C. 969
Tian, Y. J. 12840
Tian, Y. S. 1972
Tian BoHong 4639
Tian JianBao 6196
Tian JiChun 12230
Tian LiNing 7646
Tian RuYan 2590
Tian XingYa 9505
Tian YingChuan 969
Tian YingSheng 1972
Tian YuJie 12840
Tianu, M. 12265
Tibbits, W. N. 8779
Tiburcio, A. F. 6801, 9030, 9942, 11204, 12104
Tica, P. 2244
Tichbon, M. J. 8475
Tichbon, N. G. 8475
Tichit, L. 8476
Tichtinsky, G. 10057
Tiemann, B. 7811
Tien, P. 10544
Tien Po 10544
Tiezzi, A. 3274, 8695
Tifache, T. 311
Tigerstedt, P. M. A. 960, 1306, 2016, 5362, 8952
Tikhomirov, A. Ye. 9244
Tikhomirov, V. N. 9318
Tikhonov, A. 3455, 4627, 10029
Tikhonovich, I. A. 9445, 11568
Tikka, S. B. S. 9486
Tiller, K. 10780
Tilley, K. A. 7915
Tilt, K. 11008
Tímár, I. 11248
Timbert, R. 2507-2508
Timer'yanov, A. Sh. 1023-1024, 6398
Timm, H. 11643
Timmann, E. M. 11706
Timmermans, M. 5793, 10207
Timmermans, M. C. P. 1356
Timmis, J. N. 10874
Timms, E. 9356
Timon, B. 8488
Ting, B. L. 2843
Ting, J. T. L. 6912, 7460
Ting, Y. C. 5775, 5811, 9240, 10222
Tingay, S. 10101
Tingey, S. 1489, 5722, 12468
Tingey, S. V. 8257-8258
Tingey, W. M. 1582, 11583
Tinker, N. A. 9168
Tinland, B. 1181, 11153
Tío, R. del 11748
Tio-Toure, B. 11616
Tirado Soto, C. 3488
Tirel, C. 5263
Tischler, C. R. 3554
Tischner, T. 1293
Tisselli Filho, O. 7002, 7163
Tissot, G. 6675
Titova, G. E. 8899
Tits, M. 9703
Tivang, J. 3854
Tiwari, A. D. 5915
Tiwari, D. S. 3109
Tiwari, K. P. 4877, 12775
Tiwari, K. R. 446
Tiwari, R. C. 862
Tiwari, R. S. 3829, 4950, 5464
Tiwari, S. P. 464
Tiwari, T. N. 9697
Tiwari, T. P. 7941
Tiwari, V. K. 11235, 11585
Tiwari, V. N. 11235
Tiwary, B. N. 8953
Tjhio, D. 7253
To, K. Y. 492, 1402
To, V. 9346
To KinYing 492, 1402
Tobias, C. 11645
Tobias, C. M. 5040
Tobin, E. M. 9003
Tobita, S. 3774, 5925
Tobutt, K. R. 6190, 11703, 11714, 11723
Toda, T. 4191, 7649
Todd, J. J. 463
Todesco, G. 5788
Todorov, G. 238
Todorov, I. 632
Todorov, T. 607
Todorov, T. V. 608
Todorova, T. 11217
Todorović, G. 237
Todorović, R. R. 6191
Todorovich, G. 237
Toelken, H. R. 4290
Toepfer, R. 7520
Toepsch, S. 5666
Toffolutti, B. 10661
Tognetti, R. 996, 2984, 11966
Toguri, T. 2850, 9971
Tohme, J. 2445, 2509, 11558, 12078, 12561
Toi, N. 13041
Toivonen, P. M. A. 11759
Tokairin, Y. 9298
Tokár, F. 5165
Tőkés, G. 2155
Toki, S. 8133
Tokoro, K. 12590
Toky, O. P. 5297, 7626
Toledo, J. F. F. de 4845, 8251, 8287, 8693
Tolessa, B. 4588
Tolgor 2522
Tollenaar, M. 5829, 11370
Tollier, M. T. 9789, 10202, 10918, 12874
Toloraya, T. R. 3495, 6951
Tolstrup, N. 1202
Toma, C. 9590
Toma, S. 670
Tomar, B. S. 12617
Tomar, J. B. 381
Tomar, N. S. 2427
Tomar, S. K. 7601
Tomar, S. M. S. 6854-6855
Tomaru, C. 9807
Tomaru, N. 5327, 7624, 9807
Tomášková, D. 831, 7475
Tomaso-Peterson, M. 7088
Tomasoni, C. 2395
Tomasović, S. 12214
Tomassoli, L. 11660
Tomczak, M. 3293, 6838
Tomekpe, K. 10721
Tomer, E. 12696-12697
Tomer, Y. S. 2443, 3722, 10490, 12482
Tomes, D. T. 11509
Tomičić, B. 11367
Tomimoto, Y. 3939
Tomimura, Y. 12815
Tomita, K. 1033
Tomita, M. 11226
Tomizawa, A. 622
Tomizawa, K. I. 10583
Tomkins, J. P. 1496, 11527
Tomlin, E. 12906
Tomlin, E. S. 7648, 10975
Tomlinson, K. L. 4870
Tomos, A. D. 12379-12380
Tomov, N. 298
Tompkins, W. 10459
Tomsett, A. B. 7310
Tonelli, M. G. 11783
Tong, C. B. S. 9501
Tong, C. F. 2520
Tong, C. G. 12501
Tong, N. K. 7273
Tong, Q. Q. 1844
Tong, W. F. 3599
Tong, Y. C. 6378
Tong, Y. P. 6794
Tong ChengFu 2520
Tong ChiiGong 12501
Tong NanKui 7273
Tong QiQing 1844
Tong WuFu 3599
Tong YiPing 6794
Tong YongChang 6378
Tonkinson, C. L. 11249
Toogood, A. 4275
Toolapong, P. 796
Toonen, J. 4376
Toonen, M. A. J. 3808
Toor, S. S. 11850
Toorn, C. J. G. van der 6456
Topaktaş, M. 1599
Topal, A. 11071
Topp, B. L. 1718, 8494
Töpsch, S. 6798
Tör, M. 3996
Torelli, A. 3873
Torés, J. A. 2623
Torggler, B. 7351
Torii, K. U. 78, 1211, 9983
Torikov, V. E. 3344
Torisky, R. 6624
Torisky, R. S. 6009
Toriyama, K. 578, 822, 1275, 1776, 7013, 10062, 10574
Torkelson, J. 10412
Tornadore, N. 9528
Torné, J. M. 296, 5830
Toro, O. 6037

Toropova, E. Yu. 3801
Torosyan, S. Kh. 11988
Torp, A. M. 3309
Torraca, P. C. 3443
Torrance, L. 11123
Torre, C. de la 8411
Torre-Grossa, J. P. 10654
Torre P., A. della 2210
Torregrosa, L. 774, 1739, 12677
Torrekens, S. 397
Torrent, M. 9241
Torres, A. 4848, 10693
Torres, A. M. 3719, 3721, 12961, 12966
Torres, C. 6956
Torres, G. 3446
Torres, J. B. 4635
Torres, J. T. 3129
Torres, L. E. 2385
Torres, M. 6641, 11647
Torres, V. 2309
Torres, W. 381, 3868
Torres-Cardona, S. 6956
Torres Cepeda, T. E. 10276
Torres-Ruiz, R. A. 4408
Torresán, A. 1805
Torrez, R. 12536
Tort, N. 3270, 3272
Torto, G. A. 9414
Toruan-Mathius, N. 4104, 4109, 12118
Torun, B. 3352, 12212
Toscano, V. 3737-3738
Toscano de Brito, A. L. V. 12023
Tosello, G. 8075
Tostain, S. 5861
Tota, D. G. 7107
Tóth, E. 8904
Tóth, G. 11694
Tóth-Lőkös, K. 12179
Totok, A. D. H. 13033
Totskiĭ, D. V. 2123
Totskiĭ, V. N. 5995
Totté, N. 2710
Touraine, B. 9028
Touré, M. 10509
Tournaire, C. 3073
Tourneur, J. 12828, 12838
Tourte, Y. 624, 8686
Tourvieille de Labrouhe, D. 856
Tousch, D. 9935
Tousignant, D. 4050
Toussaint, B. 9326
Toutiaie, A. 9103
Touzet, P. 1368
Towill, L. E. 10648
Town, C. D. 3219, 3230
Townley-Smith, T. F. 1270, 6830
Townsend, J. A. 816
Townsend, R. 4375
Toyama, S. 11984
Toyama, T. 3905, 7341
Toyao, T. 2823
Toyoda, H. 1052, 9175, 12283, 12827
Toyoda, M. 12112
Toyohara, H. 11618
Toyomasu, T. 9295
Toyoshima, Y. 5627
Tozzini, A. 8001
Trabace, G. 2001
Trabace, T. 1798, 4060, 7493
Trabucco, A. 7906
Tracchi, S. 12760
Tracy, W. F. 5785-5786, 10166
Trägårdh, C. 11269
Traineau, R. 411
Trainin, T. 9766
Trajkovski, V. 11724
Traka-Mavrona, E. 557, 5001, 5024
Tran Dinh Long 6269
Tran Minh Nam 6269
Tran Thanh Van, K. 315, 1993
Tran Thi Thuy Hoa 8757
Tranbarger, T. J. 10981, 12909
Tranquilli, G. E. 8001
Trapani, P. 7731, 7734, 10783, 11078
Travis, A. J. 110
Travis, J. W. 1724
Travis, S. E. 7116, 9375
Treacy, B. K. 12723
Trebitsh, T. 9584
Trebuil, G. F. 3602
Treeful, L. M. 2264
Tregear, J. W. 9001
Treglia, S. 10785
Tréhin, C. 5240, 11884
Trelease, R. N. 7432, 7595
Tremblay, F. M. 4204
Trémouillaux-Guiller, J. 4211
Tremousaygue, D. 7807
Treuter, E. 9568
Trevanion, S. J. 9833
Trevaskis, B. 5568
Trevisan, J. N. 4955
Trevisan, M. T. S. 6549
Trewavas, A. J. 903, 1107, 2103, 4260
Trewhella, K. E. 7644
Trgiňová, I. 300-301
Triantaphilakos, N. 6827
Tribe, D. 12106
Tribó, F. 6870
Tribulato, E. 2714
Trick, H. N. 914
Tricoli, D. M. 12631
Trieu, A. T. 5973
Trifirò, A. 5022
Trifonov, S. V. 4523
Triggs, C. M. 10562
Trigiano, R. N. 1895, 4252
Trijanto, B. 11852
Triller, C. 8251
Trimble, R. 5339-5340
Trimnell, M. R. 5751
Trinh, T. H. 11497
Trinidad Santos, A. 3467
Tripathi, A. K. 10483, 11447
Tripathi, D. N. P. 7538
Tripathi, I. D. 2199, 12240
Tripathi, M. K. 5915
Tripathi, P. C. 1688
Tripathi, R. 7519
Tripathi, R. S. 11415
Tripathy, M. K. 4752, 10521
Tripathy, P. 606, 3733, 8305-8306
Tripathy, S. K. 1269, 6265
Triplett, E. W. 9085
Triplett, J. K. 6482
Tripp, R. 4349, 6595
Trippepi, R. R. 2998
Trněná, L. 4318
Troccoli, A. 7898, 10124
Troggio, M. 10910
Trognitz, B. 551, 3802-3803, 12552
Trognitz, B. R. 11289
Troitsky, A. 100
Trolinder, N. L. 8713
Trombetta, R. 4570
Troncoso, A. 4068, 12755
Trono, G. 2007
Tronsmo, A. M. 4530, 5645
Trouslot, P. 10844
Trovato, M. 6329, 9716
Troyer, A. F. 1376
Trozzi, A. 3999, 12693
Truco, M. J. 4034
Trueblood, C. E. 9547
Trueman, L. J. 10853
Truernit, E. 5542
Truesdell, G. M. 7106
Trujillo, I. 9632, 11767
Truksa, M. 5069
Trull, M. C. 5566
Trunova, V. M. 314
Truong, M. 1218
Truong Van Den 11614
Trustinah 6277, 6283
Trybul, D. E. 2915
Trząski, L. 5561
Tsabary, G. 12126
Tsaftaris, A. S. 2619, 2644
Tsai, C. J. 891
Tsai, J. N. 6262
Tsai ChiaJung 891
Tsai JhiNong 6262
Tsang, E. W. T. 10968
Tsankova, G. 235, 286
Tsarev, A. P. 312, 314
Tsatsenko, L. V. 3315
Tsaur, W. L. 6262, 10805
Tsaur WenLong 6262, 10805
Tsay, H. S. 4321, 4682, 10560
Tsay, J. Y. 6366
Tsay, Y. F. 5565
Tsay HsinSheng 4321, 4682, 10560
Tsay JeenYin 6366
Tsay YiFang 5565
Tseng, C. C. 4125
Tseng, S. H. 2368
Tseng ShengHsiung 2368
Tsenov, N. 4492
Tsivopulu, H. 6827
Tsolova, V. 771
Tsonev, R. 685, 695, 712, 730
Tsoneva, E. 685, 712, 730
Tsuchiya, T. 4528, 6498, 7013, 10288
Tsuda, M. 4737
Tsudzuki, T. 2966
Tsugawa, H. 2345
Tsugeki, R. 4391, 6161
Tsuji, H. 3904-3905, 5120, 11093, 12809
Tsuji, J. 4127
Tsujii, O. 9828
Tsujimoto, H. 7928, 9110
Tsujita, J. M. 9854
Tsujita, M. J. 6435
Tsukada, K. 9906
Tsukahara, M. 4723, 7238
Tsukamoto, T. 5414
Tsukaya, H. 3215
Tsumuki, H. 8047, 10122
Tsumura, Y. 1017, 7624, 10983
Tsunematsu, H. 1396
Tsunewaki, K. 1275, 5613, 7944, 10062
Tsuro, M. 5471
Tsuruhara, A. 7697
Tsushida, T. 622
Tsutsui, K. 9281
Tsutsumi, K. 9298
Tsutsumi, N. 194, 338-339, 353, 3581
Tsuzuki, K. 3063
Tsvelev, N. N. 10355
Tsvetkov, S. M. 6849
Tsvetkov, V. 767
Tsvetova, M. I. 3537-3538
Tsyganov, V. E. 9445, 11568
Tu, J. C. 1665
Tu, Z. P. 3604, 4709
Tu ZengPing 4709
Tuan, R. S. 9915
Tuan, S. J. 11899
Tubajika, K. M. 11365
Tuberosa, R. 2265, 5599, 9233-9234, 12269
Tucci, G. F. 4474
Tucci, M. 7227
Tucić, B. 4278
Tucker, D. 2438
Tucker, G. A. 1511, 9437
Tucker, M. L. 9558
Tudor, M. 1215, 4347
Tudzynski, P. 9877
Tueryapina, R. 5686
Tufto, J. 6663
Tugal, H. B. 9968
Tuglie, A. D. de 1798
Tugnoli, V. 2806, 2817
Tugwell, N. P., Jr. 2861
Tuinen, A. van 2577, 5015, 9560, 10601
Tuinstra, M. R. 2299
Tukịch, B. 4278
Tulande, E. 9312
Tuleen, N. A. 6769
Tullberg, A. 9441
Tulmann Neto, A. 5214, 5400, 6713, 7415, 7995, 8005, 8523, 9380
Tulmans, C. 1584
Tulok, M. H. 9898
Tulsieram, L. 12724
Tümen, G. 4308
Tumer, N. E. 9753, 12822
Tunalı, C. 10622
Tunen, A. J. van 4404, 6417
Tunen, A. van 889, 8678
Tuomainen, J. 12857
Tuominen, H. 12868
Tuppale, S. 11519
Tupper, G. R. 2896
Tupý, J. 1570, 3792
Turan, Z. M. 7109
Turano, F. J. 8993
Turchetta, T. 4474
Turci, P. 5121
Turcich, M. P. 8083
Türet, M. 7968
Turetschek, E. 1738, 8781, 12863
Turgeon, A. J. 6458-6459
Turgut, İ. 7109
Turgut, K. 5196, 9953
Turiák, G. 2913
Turishcheva, M. P. 10605
Turk, S. C. H. J. 10861
Turkav, S. 1808
Turkington, R. 1433, 1465
Turland, N. 5996, 6369
Turland, N. J. 12183
Turley, R. B. 5258, 9763
Turner, D. S. 6104, 7812
Turner, J. 9026
Turner, L. 12503
Turner, M. G. 10916
Turner, N. C. 1281
Turner, S. R. 9023
Turuspekov, E. K. 216
Tusa, N. 11772
Tusa, P. 7980
Tuskan, G. A. 10916, 11921
Tüsüz, M. A. 8092
Tuteja, N. 7726, 7802
Tutida, F. 7164
Tuttolomondo, T. 8551, 10783
Tuugasala, S. 12764
Tuvesson, S. 887, 8681
Tuyl, J. M. van 3082, 3087, 3095, 3097-3098, 6500, 6502, 11037, 11039
Tuzcu, Ö. 792
Tuzova, T. P. 2491
Tvarůžek, L. 4524
Twamley, B. E. 11509
Twell, D. 594, 7831, 9964
Twyford, C. T. 1596
Tyagi, A. 503
Tyagi, B. R. 4295, 6547
Tyagi, D. V. S. 3559, 4641, 6990, 11400
Tyagi, P. D. 11290, 12509
Tyagi, P. K. 8575
Tyers, R. 5740
Tygesen, T. K. 10532
Tyller, R. 3743
Tymens, S. S. 12883
Tynan, K. 3038
Tyrnov, V. S. 10187, 10192-10194
Tyson, H. 5261
Tzfira, T. 6396, 9786, 12853, 12855
Tzuri, G. 3898
Tzvetkova, V. 11565
Ubalijoro, E. 10586
Überlacker, B. 1183
Uchida, K. 1979, 7624, 9807
Uchida, S. 11512
Uchida, Y. 11758
Uchimiya, H. 1401, 3215, 5922, 10290
Uchino, A. 6493
Uchiyamada, H. 7005
Udaiveer Singh 3811
Udalova, A. A. 200-201
Udayakumar, M. 8701
Uddin, M. J. 4076, 5178
Ude, G. N. 7134
Udit Narain 2436
Uebersax, M. A. 10458, 12492
Ueda, S. 5218
Ueda, T. 3215
Ueda, Y. 12959

Uehara, Y. 7005
Uemachi, T. 639
Uemura, M. 3244
Ueng, P. P. 119
Ueno, H. 3939
Ueno, K. 6430, 7986, 12228
Ueno, O. 4638
Ugale, S. D. 11393, 11395
Ugrinović, K. 11832
Uguru, M. I. 7200
Uhrig, H. 9221
Uimari, P. 3250
Ujihara, K. 5215, 6766, 10038
Ujwal, M. L. 1190
UK, John Innes Centre & Sainsbury Laboratory 1135, 11103
UK, National Institute of Agricultural Botany 3137, 7122, 11223
UK, Royal Horticultural Society 1091, 4283, 5436, 6503, 7702, 13014
Ukai, Y. 6228
Uknes, S. 7842, 9993
Ukoskit, K. 9521
Ukraine, Odesskaya Gosudarstvennaya Sel'skokhozyaĭstvennaya Opytnaya Stantsiya 6565
Ul'chenko, N. T. 1941, 2706
Ulitcheva, I. I. 849
Ul'janova, T. N. 5506, 7766
Ullmann, P. 9037
Ulloa, M. F. 874
Ullrich, H. 5537, 7828
Ullrich, S. E. 10114-10115
Ulman, K. 5254-5255
Ulmasov, T. 44, 1193, 9962
Ulmer, J. W. 7457
Ulrich, S. 5784
Ulubelde, M. 2720
Ul'yanova, T. N. 5506, 7766
Uma, M. S. 4064
Uma, S. 10730
Uma Menon 12247
Uma Pradeep 8114
Uma Rani 11045-11046
Umaharan, P. 10505, 10508
Umboh, I. 12566
Umeda, M. 1401, 5922, 10290
Umehara, Y. 348, 4677, 4743, 9287, 12367-12368
Umek, A. 8381
Umemoto, N. 7136
Umesh-Kumar, S. 4651
Umesha, K. 11070
Umezaki, T. 7516
Umoh, E. O. 10408
Umoren, U. E. 11580
Umrao, V. K. 5155
Ünal, F. 11030
Uniquest Ltd 12450
Uniyal, G. C. 4295
Unnithan, V. K. G. 7853
UnNo, Y. 8877
Unruh, B. L. 936
Unseld, M. 7828, 9002, 9959
Unterthurner, M. 7349
Uosukainen, M. 5362
Uotila, I. 2929
Uozumi, T. 6437
Upadhaya, S. N. 623
Upadhya, M. D. 10527
Upadhyay, A. L. 1419
Upadhyaya, H. D. 1824, 7146
Upadhyaya, N. M. 5886
Upadhyaya, U. C. 7538
Upadhyaya, Y. M. 6765
Upadhye, A. S. 8537
Upchurch, R. G. 9909
Upelniek, V. P. 10060
Uppal, D. K. 7428
Uppal, S. 5639
Upreti, J. 7615
Uprety, D. C. 578
Uprichard, J. M. 11962
Uragami, A. 4979, 12578
Urao, T. 3207, 4422, 6076
Urashima, O. 7698, 8879
Uray, G. 3492
Urbach, S. 6628
Urban, C. 3205
Urbańska, A. 10097
Urbański, P. 11488
Urbatsch, L. E. 1977, 3277
Urechean, V. 10195
Uren, T. 963
Urisu, A. 8154
Urmeev, F. 2300
Urness, P. J. 2380
Urquiaga, S. 11359
Urra, C. 2828, 10830
Urrea, C. A. 3741
Urrea-Gómez, R. 2280
Urry, D. W. 7558
Ursache, C. 311
Urwin, C. P. 490
Urwin, P. E. 1112, 12122, 12157
USA, American Camellia Society 12918
USA, American Society for Horticultural Science 2012
USA, American Society of Plant Physiologists 3139
USA, Cooperative Forest Genetics Research Program 8937
USA, National Cotton Council of America 3141
USA, North Carolina State University 8938
USA, Regents of the University of California 8503-8505, 8530
USA, United States Department of Agriculture 1162
USA, United States Department of Agriculture, Agricultural Research Service 2628
USA, University of Georgia 8833
USA, University of Missouri 5721, 10157
Usenik, V. 11672-11673, 12641
Usha Vijayraghavan 3236
Usher, T. 10459
Ushiyama, T. 1275
Uslu, S. 690
Üstün, A. S. 638, 2609, 5058
Usturali, A. 8703
Uta zur Nieden 12046
Utami, N. 7684
Utley, P. R. 8226-8227
Utriainen, M. 11303
Utsugi, S. 3209
Utsumi, S. 2369
Utz, H. F. 2288, 11349
Uwer, U. 68
Uyeda, I. 10546
Uyenoyama, M. K. 98
Uys, D. C. 5127
Uzunova, V. 1319
Vaadia, Y. 11886
Vaccari, G. 4095
Vachhani, A. K. 8933
Vachůn, Z. 672, 718
Váci Felhösné, E. 697-698
Vacke, J. 2201, 3397
Vaculová, K. 2223
Váczi, E. F. 11715, 11722
Vadez, V. 3737, 4856, 9432
Vadodaria, K. V. 12834
Værbak, S. 6468
Vagle, N. 2989
Vágújfalvi, A. 4463
Vähämiko, S. 10358
Vahidy, A. A. 2214
Vahrson, W. 3188
Vaid, A. 12509
Vailhé, M. A. B. 2836
Vaillancourt, R. E. 5282
Vain, P. 3636
Vainstein, A. 5067, 6166, 6396, 6416, 6559, 9786, 12853, 12855
Vaio, C. di 7398
Vaira, A. M. 6465
Vaišnienė, V. 3372
Vaithilingam, R. 454, 519-520
Vaitkūnienė, V. 197, 199, 3372, 11309, 12293-12294
Vajranabhaiah, S. N. 8174, 8701, 10798, 11441
Vakalounakis, D. J. 8458
Vakhnenko, V. V. 2293
Vakhtin, Yu. B. 5459
Valadier, M. H. 12873
Valadon, A. 10920
Valant-Vetschera, K. M. 3119
Valat, C. 5129
Valbonesi, P. 13005
Valchinkov, S. 295
Valcke, R. L. M. 10859
Valdés, B. 9062
Valdés-Reyna, J. 12433
Valdez-Alarcón, J. J. 8135
Valdivia Bernal, R. 4595
Valdiviesso, T. 2730, 10908
Vale, F. X. R. 2829
Valè, G. 8032
Valencia M., J. A. 9631
Valencia Manzo, S. 6402
Valenti, L. 8509, 11755
Valentine, J. 224
Valenzuela S., A. 9429
Valera, F. 2120, 10804
Valera, L. 11945
Valeriu, S. 729
Valero, M. 3692, 12865
Vales, M. I. 1349
Valetine, J. 8050
Valkonen, J. P. T. 4922, 4925, 7231, 8388
Vallad, G. 4819
Vallavieille-Pope, C. de 11295-11296
Valle, C. B. do 7091
Valle, C. do 11486
Valle, E. M. 9677
Vallée, P. 1769
Vallega, V. 9137
Vallega, V. E. 6695
Vallejo, C. G. 4316
Vallejos, R. H. 120
Valley Seeds Pty Ltd 12421, 12423
Valls, J. F. M. 1826, 6272, 8219, 9335, 10368
Valoti, P. 6942
Valovikov, A. P. 2805
Valovikova, G. D. 7544
Valsala, P. A. 11073
Valverde, R. A. 3897
Vamling, K. 5519
Van Aelst, A. C. 11798
Van Altvorst, A. C. 6464
Van Amstel, T. N. M. 1860
Van Bergen, S. 12288
Van Berkel, J. 8385
Van Beuningen, L. T. 9092-9093, 11233
Van Blokland, R. 12008
Van Brederode, J. 5473
Van Brouwershaven, I. R. 12288
Van Camp, W. 4123, 9748, 11892
Van Creij, M. G. M. 6501, 11039
Van Daelen, R. 6798
Van Dam, B. C. 12861
Van Damme, E. J. M. 2, 4181, 6105, 7633, 9623-9624, 9857, 11765, 13005
Van Damme, J. M. M. 5473, 7717-7718
Van Damme, M. 7299
Van de Kamer, H. M. 12039
Van de Loo, F. J. 2884
Van de Putte, P. M. 1312
Van de Rhee, M. D. 7747
Van de Sande, K. 11880
Van de Sype, H. 10974
Van de Weg, W. E. 1734, 7395, 9611, 11746-11747
Van den Ackerveken, G. 5057, 11138
Van den Berg, C. 5551
Van den Berg, G. C. 3004, 3006
Van den Berg, J. 3529, 4622
Van den Berg, R. G. 6089
Van den Boogaard, R. 126, 4486, 7945
Van den Bosch, J. 11507
Van den Broeck, A. 1884
Van den Broek, T. 7717
Van den Eeckhout, E. 1105
Van den Eijnde, J. 659
Van-Den Truong 10563
Van der Aa, A. 10639
Van der Bank, F. H. 7714
Van der Biezen, E. A. 906, 11196
Van der Burg, W. J. 6595
Van der Burgt, X. M. 11107
Van der Fits, L. 8909
Van der Geest, A. H. M. 3727, 7169
Van der Ham, R. W. J. M. 13026
Van der Heijden, G. W. A. M. 6089
Van der Hoek, M. 8460
Van der Hoeven, C. 8981
Van der Hoorn, R. A. L. 12008
Van der Knapp, E. 395
Van der Krol, A. R. 2994, 9849
Van der Lee, T. 6798
Van der Maesen, L. J. G. 11107, 12066
Van der Meer, I. M. 11601
Van der Meer, J. G. 1312
Van der Meer, J. P. 8935
Van der Merwe, A. M. 11004
Van der Mescht, A. 9563
Van der Meulen-Muisers, J. J. M. 6500
Van der Salm, T. P. M. 2063, 6456
Van der Schaar, W. 3358, 11182
Van der Steen, A. 3790
Van der Straeten, D. 9974, 12191
Van der Straeten, V. 1643
Van der Toorn, C. J. G. 6456
Van der Ven, W. T. G. 896
Van der Voort, J. N. A. M. R. 12542
Van der Walt, I. D. 3004, 3027, 4216, 5351-5352
Van der Walt, J. J. A. 9818, 11004
Van der Westhuizen, A. J. 2205
Van der Wurff, T. 1051
Van der Zaag, P. 546
Van der Zwet, T. 3936, 10666
Van Deventer, C. S. 146, 12263
Van Dijk, A. 8398
Van Dijk, C. 1511, 3798
Van Dijk, E. L. 5883
Van Dijk, H. 10837
Van Dijk, M. E. I. F. 8688
Van Dijk, P. J. 7718
Van Dijken, A. 7258
Van Dijken, F. R. 6419
Van Dongen, S. 10006
Van Doorsselaere, J. 7620, 9789, 12874-12875
Van Duijn, B. 1856, 4554
Van Dun, K. 7258, 9079, 10861
Van Duran, M. 4779
Van Duren, M. 3665
Van Eck, H. J. 12542
Van Eden, J. W. 2569
Van Eeuwijk, F. A. 11866
Van Eldik, G. J. 4909, 8377, 9533, 10531
Van Esbroeck, G. A. 11389
Van Ginkel, M. 1296, 3358, 4466, 7984
Van Griensven, L. J. L. D. 6552, 11094, 11096
Van Gysel, A. 4170
Van Haaren, M. J. J. 3859
Van Harten, A. M. 2526
Van Heelsum, A. M. 12161-12162
Van Herpen, M. M. A. 4909, 8377, 9533, 10531
Van Heusden, S. 5007, 5035
Van Holsteijn, H. C. M. 3082

Van Houdt, H. 12810
Van Houten, W. 4677
Van Kammen, A. 1214, 2569, 3808, 5294, 6341, 11880-11881
Van Kan, J. A. L. 3882
Van Kessel, C. 5635
Van Klink, J. W. 1119, 11082
Van Lammeren, A. A. M. 3480
Van Leur, J. A. G. 6772
Van Leuven, F. 397, 6105, 9623-9624, 9857, 11765, 13005
Van Lijsebettens, M. 5552
Van Loenhout, H. E. M. 10859
Van Lookeren Campagne, M. M. 1785
Van Loon, L. C. 12808
Van Loven, K. 10859
Van Marle, N. 3798
Van Medenbach de Rooy, J. M. 11107
Van Montagu, M. 50, 1105, 1643, 1884, 2091, 3223, 4123, 4170, 4397, 4852, 5552, 6374, 6485, 6658, 7810, 9748, 9789, 9791, 9974, 9978, 11197, 11885, 11892, 12810, 12870, 12874-12875, 12878
Van Nes, M. 7269
Van Nimmen, K. 2710
Van Nocker, S. 6642
Van Norel, A. 4926-4927, 8389, 12556
Van Oeveren, J. C. 6500
Van Onckelen, H. 2846, 5522, 9348
Van Onckelen, H. A. 3480, 9731, 10859
Van Ooijen, J. W. 11182
Van Oosten, J. J. 605
Van Oosterom, E. J. 9, 329
Van Oostveen, W. J. F. 3480
Van Oss, H. 7183
Van Pelt, J. A. 3825
Van Raamsdonk, L. W. D. 6110, 6662, 7257
Van Rees, K. C. J. 1256
Van Rensburg, J. B. J. 309
Van Rensburg, L. 9747
Van Rensen, I. 11005
Van Rheenen, H. A. 9454
Van Rhijn, P. 9346, 10410
Van Rooijen, G. J. H. 11804
Van Rooyen, A. 2526
Van Sanford, D. A. 130, 5650, 10051
Van Scheepen, J. 6496, 9850
Van Sint Jan, V. 6087, 9307
Van Sloten, D. 12081
Van Sluys, M. A. 7829
Van Staavaren BV 1966-1968, 5419-5421
Van Staden, J. 1957, 6603, 8805, 8872-8874
Van Tuinen, A. 2577, 5015, 9560, 10601
Van Tunen, A. 889, 8678
Van Tunen, A. J. 4404, 6417
Van Tuyl, J. M. 3082, 3087, 3095, 3097-3098, 6500, 6502, 11037, 11039
Van Vliet, A. 40
Van Vliet, T. 2170
Van Vloten-Doting, L. 13008
Van Vuuren, R. J. 9563
Van Went, J. L. 3079, 11798
Van Wijk, J. 4355
Van Winden, M. J. M. 3098
Van Wordragen, M. 11881
Van Wyk, B. E. 1249, 5271, 7714, 12846
Van Wyk, S. M. C. 9337
Van Zandvoort, P. 12542
Vanadia, S. 4060
Vanaja, M. 2759
Vancanneyt, G. 1569
Vance, C. P. 1501, 12441
Vance, N. C. 7650
Vančetović, J. 9216
Vančo, B. 2191
Vandana Joshi 4448
Vandekerckhove, J. 6248
Vanden Broeck, A. 12878
Vandenberghe, D. 1105
VandenBosch, K. A. 9347
Vandenbussche, B. 10838
Vander Kloet, S. P. 8501
Vander Mijnsbrugge, K. 6374
Vanderlei, J. C. 12215
Vanderveer, P. J. 275
VanDerZanden, A. M. 3973
Vandramin, G. G. 812
Vangnai, V. 12691
Vanhouten, W. 12489
Vanisree, G. 8605
Vanlerberghe, A. E. 9728
Vanlerberghe, G. C. 2845, 9728
Vannalath, K. 5869
Vanniarajan, C. 2342, 8356, 10320, 11573
Vannozzi, G. P. 10795
Vanoost, N. 4971
Váňová, M. 4524
Vanparys, L. 6113-6115, 11624, 11638, 11661
Vanstallen, M. 7545
Vanstone, V. 6691
Van't Hof, J. 12500
Vantaggi, A. 6195
Vanyushin, B. F. 59
Vanzin, G. F. 9972
Vapa, L. 2177, 2222
Var, M. 11730
Varade, P. K. 2304
Varakina, S. A. 7312
Varaksin, G. S. 4209
Varela, F. 8029
Varela, M. 2486, 2562, 6678
Varela, M. C. 10908
Varela, O. 4864
Vares, D. 5187
Varga, P. 2392, 8205
Vargas, C. A. 8889
Vargas, F. J. 4019, 4022, 4025
Vargas, J. E. 3446
Vargas García, F. J. 810
Vargas Hernández, J. J. 6402
Vargas López, J. L. 8106
Vargas-Vazquez, P. 4857
Varghese, J. P. 7974
Varghese, P. 11253
Varghese, Y. A. 8759
Variar, M. 381, 389, 8145, 10337, 12384
Varier, A. 850, 4140, 6256
Varin, L. 11014
Varma, S. K. 218
Varoquaux, F. 9966
Varotto, S. 2558, 5776, 12176
Varsha 11163
Varshney, A. 12289
Varshney, S. K. 1779, 1825, 6244, 7464, 7470
Varshney, V. 7972
Vartanian, N. 4428-4429
Varughese, G. 228, 6814, 6818
Vasal, S. K. 3428, 3457
Vasanth, K. R. 1390
Vasanthi, S. 12533-12534
Vasconcelos, A. C. 1207
Vasconcelos, M. J. V. 2448
Vashi, P. S. 12640
Vashisht, V. 4140
Vasić, D. 10799
Vasil, I. K. 148, 294, 3401, 3565, 5611, 5810
Vasil, V. 148, 5611
Vasilakakis, M. 8531
Vasilevsko, V. T. 904-905
Vasilj, D. 3432
Vasilo, V. 3401
Vasline, Y. A. 2661
Vasquez, J. A. 4188
Vassalli, P. 7389
Vasseur, G. 9846
Vassileva, I. 12089
Vassilevska-Ivanova, R. 12089
Vassilevskaia, T. D. 4796
Vasudeva, R. 11986
Vaubert, D. 8691
Vaucheret, H. 5238, 5531, 9730, 11883
Vauclare, P. 9440
Vaughan, J. E. 11374
Vauterin, M. 9961
Vavasseur, A. 5562
Vavilov, N. I. 13062
Vayá, J. L. 9749
Vázquez, A. M. 3412
Vázquez, A. N. 10800
Vázquez, F. M. 11490-11491
Vázquez, G. L. M. 589, 3068
Vázquez, J. F. 143
Vázquez, R. I. 12790
Vazquez-Tello, A. 6437
Vazzana, C. 9096
Vear, F. 856, 11821
Vecchia, P. T. della 8415
Ved Prakash 6541
Vedel, F. 4116, 9723, 9725
Vedia E., M. L. 3440
Vedna Kumari 7118, 9362
Vedvick, T. 2915
Veena Vashisht 4140
Veerabadhiran, P. 455, 518
Veerabadran, P. 10268
Veeranagouda Patil 8701
Veerasamy, S. 6385
Veeravel, R. 8183
Veerendra, H. C. S. 5467
Vega, C. 3424-3425, 3436
Vega, J. M. 5540, 9105, 11242
Vega, S. 4908
Vega, S. E. 3800, 12538
Vega M., A. 6211
Veilleux, R. E. 3791, 4339, 9919-9920
Veisseire, P. 11915
Veisz, O. 1293, 4517
Veisz, O. B. 10089
Veit, M. 11005
Veitch, N. C. 4304
Vejl, P. 12053
Vekemans, X. 970, 1954, 7673, 11557
Velasco, H. 3479
Velasco, L. 7480, 10768
Velasco, W. 3518
Velasco-Negueruela, A. 4316
Velasquez, E. L. 3444
Velayudhan, K. C. 3124
Velcko, A. J., Jr. 8931
Veldboom, L. R. 2267, 2271
Veldkamp, J. F. 4781, 5449, 7694
Velich, I. 484
Veličković, N. 6183
Velíšek, J. 3758
Velling, P. 10962
Veluthambi, K. 513
Ven, W. T. G. van der 896
Vencovsky, R. 2032, 3527, 5578, 8070
Venczel, G. 634
Vendramim, J. D. 9571
Vendramin, G. G. 2984, 5309, 12901
Vendrell, M. 12684
Vendrig, J. C. 10859
Venegas R., F. 9429
Veneklaas, E. J. 126, 4486, 7945
Venette, J. R. 8300
Venkatachalam, P. 5192, 8607, 12983
Venkatachalam, R. 3570-3571
Venkataiah, P. 7330
Venkatanagappa, S. 6851
Venkataswamy, B. H. 7190
Venkatesham, G. 4085
Venkateswarlu, M. 11762
Venkov, V. 1807
Vensel, W. H. 12280
Venter, C. 9004
Venter, H. M. 9487
Venter, J. C. 4379, 5535, 7770
Venter, J. D. 12031
Ventrella, D. 12845
Ventura, A. 6969
Ventura, M. 5199, 10662
Ventura, M. U. 9571
Venturi, G. 2815, 10890
Venturieri, G. A. 8542
Venu, C. 1534, 8370
Venugopal, M. S. 5945
Venuto, B. C. 4793
Verbeek, B. 4539
Verbeek, W. H. J. 7257
Verbruggen, N. 2091, 3223, 6658
Vercambre, B. 11444, 12060
Vercammen, J. 659
Vercauteren, J. 6207
Vercher, Y. 2737
Verdcourt, B. 8309
Verde, I. 6195
Verdeil, J. L. 12752
Verderio, A. 4585, 6942
Veremis, J. C. 1670-1672
Veretenikov, G. V. 3495
Vergara Avila, N. 3457
Vergauwe, A. 1105
Verger, M. 10979
Vergne, P. 3509
Verhaegen, D. 2926, 5281, 10898-10899
Verhaert, P. 6105
Verheul, M. J. 4611
Verhille, A. M. 10857
Verhoeven, H. A. 2493, 3808, 11596
Verhoeyen, E. 7810
Verica, J. A. 11173
Verkerk, R. 5015, 11881
Verkerk-Bakker, B. 4926-4927, 12556
Verkuijlen, W. M. H. C. 11035
Verma, A. K. 2740, 8573
Verma, B. R. 11285
Verma, B. S. 3381
Verma, D. K. 7039
Verma, D. P. S. 4427, 7137
Verma, H. N. 7726
Verma, K. D. 2504
Verma, M. M. 1539, 1549, 2478, 11574
Verma, P. S. 2778-2779, 7531, 8629
Verma, R. 4732
Verma, R. K. 4300
Verma, S. C. 1793
Verma, S. K. 8792, 10494
Verma, S. R. 2183
Verma, V. S. 10526
Vermeulen, J. J. 9862, 11047
Vernet, P. 3692, 10837
Vernetti, F. de J. 7143
Vernhettes, S. 6333
Vernoy, R. 2844
Veronese, P. 5036
Véronési, C. 6336, 11896
Veronesi, F. 407, 1428, 2397, 5974, 8911, 11494, 12437
Veronico, P. 1799
Verpoorte, R. 6549
Verra, F. 1092
Verriès, C. 11749
Verryn, S. D. 1881
Verulkar, S. B. 9469, 11572, 12523
Vervaeke, M. 2948
Vervoort, V. 9678, 10788
Verwoerd, T. C. 9079
Verzera, A. 3999, 12693
Veselov, S. Y. 10859
Veski, P. 2913
Vestrheim, S. 662
Veteläinen, M. 1306, 5663
Vetrova, V. P. 1906
Vetten, N. de 11028
Vetter, S. 8912
Veuskens, J. 241
Veylder, L. de 11197
Vézina, L. P. 3681, 7105, 8231
Vezine, J. C. 1429, 1432
Vezvaei, A. 12709
Vialle, M. 11906
Vian, B. 9510
Viana, A. 6046
Viands, D. W. 430
Vibriño, P. 12483
Vicente, J. G. 1628

Vicente, O. 9783, 12866
Vickers, J. E. 4381
Vico, F. R. 2598
Vicseeds Pty Ltd. 8204
Victor, J. 505
Victoria, F. C. 9312
Viczián, O. 8511
Vidaković, M. 9216, 9216
Vidal; J. 315
Vidal, S. 5250
Vidal Martínez, V. A. 4595
Videnović, Z. 233
Videnovich, Z. 233
Viégas, J. 2224, 8428
Viegas, W. 6833, 6867
Viehmann, S. 8973
Vieira, C. 2448, 7240, 9435
Vieira, M. L. C. 2408, 10389, 11336
Vieira, R. 6847
Vieira, R. D. 4828
Vieira, R. de M. 2903
Vieira, R. F. 1519
Vieira, R. M. 2883, 8725
Vielle-Calzada, J. P. 4777
Vienne, D. de 1368, 12158
Viereck, R. 4100
Vierling, E. 3242
Vierling, R. A. 4822
Vierstra, R. D. 5539, 6642
Vietor, D. M. 11377
Vietto, L. 10921
Vigil, M. F. 11808
Vignani, R. 526, 6204, 8695
Vigneron, P. 961, 10898-10899
Vignini, A. M. 1740
Vignozzi, N. 1740
Vijayakumar 4064
Vijayakumar, G. 518
Vijayakumar, K. R. 8771, 8775
Vijayakumar, S. 10519
Vijayakumar, S. B. 8159
Vijayakumari, N. 1749
Vijayan, K. P. 12354
Vijayraghavan, U. 3236
Viji, M. M. 10310
Vijn, I. 3686, 7258
Vilardi, J. C. 7638
Vilariño, P. 4795
Vilensky, E. R. 1263
Viljoen, A. M. 5271, 12846
Viljoen, J. 3855
Villa, M. 6926
Villa, P. 11755
Villa-Lobos, J. 11111
Villain, P. 8972
Villalba, J. M. 4859
Villalon, D. K. 12416
Villalta, O. N. 10349
Villand, P. 8013
Villani, F. 6408
Villani, P. J. 7178
Villani, S. 12155
Villar, M. 7627, 12879
Villardi, G. 5023
Villareal, M. A. 3528
Villareal, R. L. 4488, 6818
Villarreal, M. L. 6535
Villarreal Q., J. A. 8855
Villarroel, R. 9978
Villaseñor, J. 11329
Villegas, A. 4254
Villela, O. V. 1420, 7002
Villemont, E. 9846
Villemur, P. 1819
Villevieille, M. 7268
Villiers, L. de 5548
Villiers, O. T. de 12829
Villiers, R. P. de 9563
Villo Patell 11382
Vimala, V. 8114
Vinay, J. C. 3735
Vinay Ranjan 3280
Vincent, C. 1073, 4405
Vincent, R. 9357
Vincentz, M. 12409
Vincitorio, O. 7904
Vincourt, P. 12319
Vindhiyavarman, P. 6284, 10810
Viniegra-Gonzaléz, G. 1128
Viotti, A. 5714, 5789, 6928, 12186
Vir, S. 7539
Virányi, F. 1813
Virchow, D. 11127
Viret, J. F. 3214
Virgin, I. 1564
Virk, D. S. 2190, 2306, 6595, 8122, 11392, 12348, 12379
Virk, K. S. 7539
Virk, P. S. 8693
Virmani, S. S. 4693-4694, 8150
Virovets, V. G. 8751
Viršček-Marn, M. 8473, 11665, 11673
Virtucio, A. 12608
Virupakshappa, K. 1809, 8595
Visarada, K. B. R. S. 3545
Viscardi, M. 7309, 12688
Vischi, M. 12284
Visconti, A. 5831
Vishnevetsky, M. 5067, 6166
Vishnoi, R. K. 1390, 2305
Vishnu Swarup 5047
Visioli, G. 9992
Viss, T. C. 4978
Visscher, P. M. 1231, 12161-12162
Visser, J. 11094, 11096
Visser, J. A. G. M. de 4440
Visser, K. 3374
Visser, R. G. F. 1575, 3810, 6488, 11601, 12010, 12560, 12563
Vissers, A. P. A. 3374
Viswanathan, P. 8065
Viswanathan, R. 881, 2791, 11860
Vitagliano, C. 2583, 12754
Vitale, A. 11553
Vitalis, R. 5589
Vitart, V. 3232
Vitellozzi, F. 6841
Vithanage, V. 5167
Viti, R. 5098, 7382
Vitkare, D. G. 9101, 11252
Vito, M. di 2615, 3771, 7192, 12103
Vitta, F. A. 11781
Vittorioso, P. 6637
Vittrup Christensen, J. 10677
Vivar, H. 4546
Vivekanandan, P. 2342, 4705, 8356
Vivona, L. 1996
Vizgarra, O. N. 3725, 10449
Vizir, I. Y. 12132
Vizzotto, V. J. 3785
Vlachos, D. 9257
Vladeva, I. 10072
Vladova, R. 8064, 10856
Vladutu, C. I. 10208
Vlahos, J. C. 4247
Vlahova, M. 5009
V"lcheva, K. 730
V"lchinkov, S. 295
V"lchinkova, P. 230, 273
Vliet, A. van 40
Vliet, T. van 2170
Vlok, J. H. 7715
Vloten-Doting, L. van 13008
Vo Thi Thu Ha 8757, 8765
Voblov, A. P. 2805
Vodkin, L. O. 463, 9416
Voelker, T. A. 12200
Voetz, M. 7520
Vogel, B. S. 5323
Vogel, G. 5323
Vogel, J. 1489, 5534
Vogel, J. C. 2959
Vogel, J. M. 8257
Vogel, K. P. 6980, 7089, 9272, 11388
Vogl, C. 88
Vogler, A. 4447
Vogler, R. K. 1388
Voican, A. V. 4873-4874
Voican, V. 4873-4874, 5025
Voigt, P. W. 3663, 7094
Voisin, R. 12971
Vojdani, P. 6346
Volaire, F. 4762
Voláková, I. 6555
Voldeng, H. D. 1486-1488, 9369, 9379, 9384, 11521-11522
Volgin, V. V. 7544
Volis, S. 216
Volko, S. 5570, 11193
Volkova, L. V. 905
Vollack, K. U. 3823
Vollmann, J. 8279, 12105
Volpe, N. 10037
Voltas, J. 4558
Voluevich, E. A. 6760
Von Aderkas, P. 2987
Von Arnim, A. 1201
Von Arním, A. G. 12136
Von Arnim, A. G. 7840
Von Arnold, S. 2974, 5321, 9802
Von Bothmer, R. 1306, 1327, 4774, 6572, 6574, 12286
Von Braun, J. 11127
Von Caemmerer, S. 4262
Von dem Bussche, G. H. 11979
Von Keller, A. 11818
Von Kittlitz, E. 1508, 4846
Von Lintig, J. 3076, 9305
Von Numers, C. 9295
Von Weissenberg, K. 2974
Von Wettstein, D. 6784, 6789, 10541, 11319
Von Wirén, N. 3491
Vonshak, A. 8933
Voogd, E. 9079
Voordeckers, A. M. 7359
Voorrips, R. E. 4969, 6122-6123
Voort, J. N. A. M. R. van der 12542
Vora, G. J. 9549
Vornam, B. 10909, 11969
Voronina, S. A. 181
Voronova, Z. P. 9353
Vorst, O. 2994
Vos, N. de 3854
Vos, P. 3847, 6798, 7842
Vosman, B. 5004, 5006, 7311, 12588
Vothknecht, U. C. 6784, 6789
Vovides, A. P. 8910
Vovlas, N. 3771
Voylokov, A. 12300
Voytas, D. F. 7827
Vragolović, A. 2244
Vranac, S. 11600
Vrânceanu, A. V. 7488, 8597
Vrebalov, J. 7286
Vrielink, R. 5035, 7362
Vriend, G. 12409
Vries, D. P. de 1050, 12926
Vries, I. M. de 7300
Vries, O. M. H. de 7746
Vries, R. M. de 11646
Vries, S. C. de 1214, 3808
Vries, S. M. G. de 12861
Vrieze, G. de 5551
Vrijendra Singh 6871, 12746
Vrinda, K. B. 3136
Vroemen, C. W. 1214
Vroh Bi, I. 11903
Vroomen, M. J. de 3859
Vu Truen Hoang 632
Vu Truen Khoang 632
Vu Tuyen Hoang 6269
Vucich, V. A. 1197
Vudhivanich, S. 2586
Vujošević, Z. 2814
Vujović, S. D. 6205
Vukobratović, Ž. 2180
Vulcheva, K. 730
Vulchinkova, P. 230
Vulić, B. 2160
Vulsteke, G. 4971, 6054
Vuong, T. D. 1502
Vuuren, R. J. van 9563
Vuylsteke, D. 790, 6213, 8519, 10721
Vuylsteke, D. R. 2709
Vyas, R. V. 11769
Vyas, S. P. 8364
Vyas, S. T. 2793-2794
Vyskot, B. 7671
Vyvadilová, M. 831, 7475
W. Kordes Söhne Rosenschulen GmbH & Co KG 6442-6448
Waal, W. G. de 3004
Waara, S. 12546
Wabiko, H. 6317, 7569
Wachira, F. N. 5232, 9711, 12798
Wada, K. 8173
Wada, M. 9514, 10066, 11052
Wada, S. 8393
Wada, T. 12140
Waddell, J. 10648
Wade, A. P. 7990
Wade, L. J. 385
Wadikar, V. B. 6281
Waele, D. de 2009, 10738, 11109
Wagatsuma, T. 8877
Wagenblatt, B. 1792
Wagg, C. A. 5373
Wagh, R. S. 2578
Waghmare, A. L. 9361
Waghorn, G. C. 4792
Wagih, M. E. 5507
Wagner, D. 1208, 9025
Wagner, I. 2665
Wagner, R. 11751
Wahid, A. 11859
Waigmann, E. 5541
Waines, J. G. 3350-3351, 6039, 9122, 11258
Wainwright, H. 10688
Wainwright, S. J. 11500
Wajant, H. 8408
Wakasa, K. 7016
Wakasugi, T. 2966
Wakeley, J. 4373, 9998, 10001
Wakita, H. 9823
Wakita, Y. 6364
Walbot, V. 246, 3450, 5725, 5732, 5802, 9219, 10154
Walcz, I. 1813
Walden, D. B. 2283, 10147, 10180, 10205, 10219, 10247-10250
Walden, R. 1170, 4119, 9942, 12190
Waldia, R. S. 3767, 6070
Waldmüller, S. 4030
Wali, C. 8152
Walia, D. P. 7964
Walker, A. K. 11222
Walker, A. R. 9969
Walker, D. I. T. 8639
Walker, J. C. 9031, 11334
Walker, J. M. 6642
Walker, K. C. 110, 7873
Walker, S. 12955, 12963
Walker-Simmons, M. K. 4489, 7921
Wall, D. A. 1531
Wall, M. M. 4225
Wall, S. J. 12309
Wall, W. J. 4334
Wallace, H. M. 5167
Wallace, J. C. 12325
Wallace, R. S. 1096, 6518
Wallenda, T. 11934
Waller, S. S. 11388
Walling, L. L. 2572, 11332
Wallis, J. G. 1565
Walmsley, A. 9948
Walsh, K. B. 9896
Walsh, M. T. 3191
Walsh, T. A. 4174
Walt, I. D. van der 3004, 3027, 4216, 5351-5352
Walt, J. J. A. van der 9818, 11004
Walter, A. 2732
Walter, K. S. 4336
Walter, W. M., Jr. 10563
Walters, D. 11009
Walters, K. J. 10458
Walters, S. A. 7343, 8459
Walters, T. W. 8418
Walther, U. 10278
Walton, R. B. 1268

Wan, B. H. 7026
Wan, C. Z. 4712
Wan, J. M. 8147
Wan, S. Y. 6202
Wan, W. P. 2545
Wan, Y. C. 5518
Wan, Y. F. 7992, 8214, 11465
Wan, Y. S. 6273
Wan Abdul Rahaman, W. Y. 8760
Wan BangHui 7026
Wan ChangZhao 4712
Wan JianMin 8147
Wan ShuYuan 6202
Wan WenPeng 2545
Wan YongFang 7992, 8214, 11465
Wan YongShan 6273
Wan YueChun 5518
Wandre, S. S. 2777
Wang, A. L. 3618
Wang, A. M. 8610
Wang, B. 2418, 2590, 3631, 5749, 8158
Wang, B. L. 2735
Wang, B. R. 460
Wang, B. S. 10644
Wang, B. Y. 350, 7029
Wang, C. 1627
Wang, C. F. 4003, 7045
Wang, C. K. 7574
Wang, C. L. 362, 1195, 1417, 2363, 4742, 7057
Wang, C. S. 13009
Wang, C. T. 1035
Wang, C. W. 4944
Wang, C. Y. 755, 2686, 3110, 11324, 12840
Wang, D. 7472
Wang, D. C. 5104
Wang, D. K. 6355
Wang, D. L. 7160
Wang, D. Q. 10425
Wang, D. S. 2502
Wang, D. X. 7161
Wang, D. Y. 2610
Wang, F. 139, 1667, 2581, 3313, 12235
Wang, F. L. 12341
Wang, F. R. 2761, 9277
Wang, F. Y. 9505
Wang, G. 12743
Wang, G. J. 969, 2319
Wang, G. L. 2166, 4741, 5529, 6636, 7299, 10852
Wang, G. M. 11354
Wang, G. Q. 4902
Wang, G. R. 2213
Wang, G. Y. 981
Wang, G. Z. 5613, 5661
Wang, H. 1614, 2229, 3456, 6117, 6651, 6753, 8190, 12727
Wang, H. C. 3592, 10608
Wang, H. F. 4323, 5084
Wang, H. G. 2147-2148
Wang, H. H. 4323
Wang, H. J. 9805
Wang, H. M. 359, 579, 12643
Wang, H. N. 7472
Wang, H. S. 9332
Wang, H. X. 8259, 9406
Wang, H. Y. 1592, 7055, 9010, 12144
Wang, I. N. 830
Wang, J. 1311, 1698, 4133, 9399, 12127
Wang, J. B. 12232
Wang, J. C. 3576
Wang, J. D. 2324
Wang, J. F. 1663, 7418, 12611
Wang, J. G. 10419
Wang, J. H. 211, 4603, 11445
Wang, J. J. 4938
Wang, J. L. 461, 1498, 3340, 4829, 5624, 6016, 7158, 7848, 9398, 10425, 12207, 12222, 12274, 12466
Wang, J. M. 3574
Wang, J. N. 9700
Wang, J. R. 11089
Wang, J. S. 9310, 10559
Wang, J. X. 1697, 9879, 10714
Wang, J. Y. 2536, 6352, 12568
Wang, J. Z. 2141
Wang, K. B. 933, 5253
Wang, K. S. 6378
Wang, L. 414, 2825, 3616, 3633, 5728, 6493, 9386, 9710
Wang, L. C. 5083
Wang, L. H. 257, 3110
Wang, L. K. 182
Wang, L. P. 12274
Wang, L. Q. 12341
Wang, L. R. 5110
Wang, L. Z. 8292, 9386, 9420
Wang, M. 195, 1685, 1691, 1699-1700, 2538, 2610, 3374, 3827, 4554, 5630, 9395, 12288
Wang, M. B. 10101
Wang, M. G. 9253
Wang, M. L. 4482, 12733, 12737
Wang, M. S. 4136
Wang, M. X. 6375
Wang, N. J. 10296
Wang, P. 139, 2167, 3313, 10430, 10597, 12235, 12743
Wang, P. J. 1492
Wang, P. L. 7203, 9883
Wang, P. Z. 2439, 7199
Wang, Q. 671, 2520
Wang, Q. H. 8722
Wang, Q. M. 4938
Wang, R. C. 2340, 6657
Wang, R. F. 3700
Wang, R. G. 7214
Wang, R. J. 2549
Wang, R. L. 367
Wang, R. R. C. 3364, 4481, 7083, 11240
Wang, R. Z. 5157
Wang, S. 3375, 4603, 7152, 10463, 12855
Wang, S. B. 1686, 5930
Wang, S. H. 2151-2152, 4849, 5163, 7203, 7283, 12711
Wang, S. J. 4546, 12231
Wang, S. M. 363, 977, 2383, 7127, 7401, 8998, 9186
Wang, S. P. 8143
Wang, T. 4642
Wang, T. B. 2257, 6626
Wang, T. C. 8417, 11423, 12613
Wang, T. L. 960, 3146, 3757
Wang, T. W. 7460
Wang, T. X. 4131
Wang, T. Y. 5093, 5859, 8119
Wang, W. 942
Wang, W. G. 9771
Wang, W. J. 1395
Wang, W. M. 4692
Wang, W. R. 10767, 12719
Wang, W. X. 12855
Wang, W. Y. 1035, 2134, 5895, 10619
Wang, X. 579, 2541
Wang, X. B. 7150, 7153
Wang, X. D. 5126
Wang, X. F. 4483, 10544
Wang, X. G. 414
Wang, X. H. 3214, 5878, 6791
Wang, X. J. 7273
Wang, X. K. 9388, 12382
Wang, X. L. 4590, 12461
Wang, X. M. 386, 1495, 4080, 4668, 4678, 9963
Wang, X. P. 7602
Wang, X. Q. 7152
Wang, X. R. 2968, 6408, 13048
Wang, X. W. 2533, 2539, 7282, 7288
Wang, X. Y. 4689, 9124
Wang, Y. 127, 2506, 2848, 9417
Wang, Y. B. 7, 370, 3481
Wang, Y. C. 2366
Wang, Y. F. 4366, 5878, 6355, 9940, 10309, 12475
Wang, Y. H. 2566, 4566, 6355
Wang, Y. J. 4152, 5528, 11914
Wang, Y. L. 4133, 10444
Wang, Y. M. 3707
Wang, Y. N. 1035
Wang, Y. P. 3481, 9666, 9883
Wang, Y. Q. 9806
Wang, Y. R. 1392, 2329
Wang, Y. S. 2825, 9710
Wang, Y. T. 8270, 9388, 10663
Wang, Y. X. 4686
Wang, Y. Y. 833, 9755
Wang, Y. Z. 3609, 4902
Wang, Z. 478, 1408, 5749, 7024
Wang, Z. B. 7147
Wang, Z. C. 11089
Wang, Z. F. 2184
Wang, Z. G. 3459
Wang, Z. H. 3481, 6196
Wang, Z. K. 4131
Wang, Z. L. 297, 2878, 9811
Wang, Z. M. 1014, 8800
Wang, Z. N. 12222
Wang, Z. P. 5126
Wang, Z. Q. 752, 3392, 3625, 5102, 5115, 6194, 7390, 10311
Wang, Z. R. 4194, 11256
Wang, Z. X. 297, 348, 419, 1606, 4112, 4135, 12207
Wang, Z. Y. 1720, 4133, 4546, 5644, 7079, 7749, 9003
Wang, Z. Z. 7401
Wang AiMing 8610
Wang BaiYang 350, 7029
Wang Bin 2418, 2590
Wang BingLiang 2735
Wang BingShuo 10644
Wang BinRu 460
Wang CaiFa 4003
Wang CaiLian 362
Wang ChangFa 7045
Wang ChangLin 1195
Wang Chao 1627
Wang ChiehTing 1035
Wang ChongYi 11324
Wang ChuanYong 755, 2686
Wang ChunLian 1417, 2363, 4742, 7057
Wang ChunYu 12840
Wang CongYing 3110
Wang CoShine 13009
Wang DaQiu 10425
Wang DeChun 5104
Wang DeLiang 7160
Wang DenShi 2502
Wang DeXu 7161
Wang DeYuan 2605, 2610
Wang Di 7472
Wang DianKui 6355
Wang Feng 139, 3313, 12235
Wang FengLin 12341
Wang FengYi 9505
Wang Fu 1667, 2581
Wang FuRong 2761
Wang Gang 12743
Wang GeJiao 969, 2319
Wang GuangLi 10852
Wang GuangLin 2166
Wang GuangMing 11354
Wang GuangQing 4902
Wang GuanLin 5529
Wang GuiRong 2213
Wang GuiZhi 5613, 5661
Wang GuoLiang 4741, 6636
Wang GuoYi 981
Wang HaiYang 9010, 12144
Wang HanJin 9805
Wang HanNing 7472
Wang HengMing 359
Wang Hong 3456, 6651
Wang HongChang 10608
Wang HongFan 5084
Wang HongGang 2147-2148
Wang HongXin 9406
Wang HouCong 3592
Wang HsiHua 4323
Wang Hua 1614, 6117, 12727
Wang HuaiMing 579
Wang HuaiSan 9332
Wang HuaiYi 7055
Wang Huan 6753
Wang HueiFang 4323
Wang Hui 2229
Wang HuiMin 12643
Wang HweiYi 1592
Wang IngNang 830
Wang JanYueh 12568
Wang JawFen 12611
Wang JiaFu 7418
Wang Jian 1698, 9399
Wang JianBo 12232
Wang JianDong 2324
Wang JianNan 9700
Wang JianShe 9310
Wang JianXin 1697
Wang JiHua 4603
Wang Jing 12127
Wang JingHong 11445
Wang JingLin 12207, 12222
Wang JingLing 1498
Wang JingRu 11089
Wang JingShan 10559
Wang JinGuan 10419
Wang JingXun 10714
Wang JingYou 2536
Wang JinLan 3340
Wang JinLiang 7848
Wang JinLing 461, 4829, 6016, 7158, 9398, 10425, 12466
Wang JinMin 3574
Wang JinXiu 9879
Wang JinYong 6352
Wang JinZhao 2141
Wang JuanLing 12274
Wang Jun 1311
Wang JunHui 211
Wang KeSheng 6378
Wang KunBo 933
Wang Lan 9386
Wang Lei 3616
Wang Li 414, 2825, 9710
Wang LiangQun 12341
Wang LianZheng 8292, 9386, 9420
Wang LiChao 5083
Wang LiHong 3110
Wang LiHua 257
Wang LiJiang 5624
Wang Ling 3633
Wang LinKun 182
Wang LiPing 12274
Wang LiRong 5110
Wang ManSi 4136
Wang MaoLin 12733, 12737
Wang Mei 3374, 4554
Wang MiGui 9253
Wang Min 5630, 9395
Wang Ming 1685, 1691, 1699-1700, 2538, 2605, 2610
Wang MingBo 10101
Wang MingXiu 6375
Wang NianJie 10296
Wang PanLong 7203
Wang Pei 139, 2167, 3313, 12235
Wang PeiZhi 2439, 7199
Wang Ping 10430, 10597, 12743
Wang PingLi 9883
Wang QingHua 8722
Wang Qun 2520
Wang RenGui 7214
Wang RenLei 367
Wang RenZi 5157
Wang RongChen 2340, 6657
Wang RuoJing 2549
Wang ShanHong 2151-2152
Wang ShanMin 977
Wang ShengMei 7401
Wang ShiHai 5163, 12711
Wang ShiJie 12231
Wang ShiPing 8143
Wang Shuan 4603
Wang ShuBin 5930
Wang ShuBing 1686
Wang ShueMei 363, 8998, 9186
Wang ShuHua 7283
Wang ShuJun 4546
Wang ShuMin 2383
Wang ShuMing 7127
Wang Su 7152, 10463
Wang SuHua 7203

Wang TianYu 5859, 8119
Wang TieBang 2257
Wang TienChen 12613
Wang TingChai 11423
Wang TingXiao 4131
Wang TzannWei 7460
Wang WanYi 2134
Wang WeiJin 1395
Wang WeiRong 10767, 12719
Wang WeiYoung 1035
Wang WeiYun 10619
Wang WenMing 4692
Wang Wu 942
Wang WuGang 9771
Wang WuYi 5895
Wang Xian 579
Wang XiangKun 9388, 12382
Wang XianYu 4689
Wang XiaoBo 7150, 7153
Wang XiaoDong 5126
Wang XiaoFeng 10544
Wang XiaoGuang 414
Wang XiaoHui 3214, 6791
Wang XiaoJia 7273
Wang XiaoLin 12461
Wang XiaoPing 7602
Wang XiaoQin 7152
Wang XiaoRu 2968, 6408, 13048
Wang XiaoWu 2533, 2539, 7282, 7288
Wang XiaoYan 9124
Wang Xin 2541
Wang XingFen 4483
Wang XinHua 5878
Wang XiuLing 4590
Wang XueMin 386, 1495, 4080, 9963
Wang YaNan 1035
Wang YanHua 6355
Wang YanTong 8270, 9388
Wang YaRu 1392
Wang Yi 9417
Wang YiBao 7, 370
Wang YiBo 3481
Wang YiFei 4366, 5878, 9940, 10309
Wang YiLi 10444
Wang YinChang 2366
Wang YingJiao 4152, 11914
Wang YingTao 10663
Wang YiRou 2329
Wang Yong 127, 2506, 2848
Wang YongHong 2566
Wang YongPu 3481
Wang YouPing 9666, 9883
Wang YueJin 5528
Wang YuFeng 12475
Wang YuFu 6355
Wang YuHuan 4566
Wang YuMin 3707
Wang YunZhu 4902
Wang YuQin 9806
Wang YuShu 2825, 9710
Wang YuYe 833
Wang YuZhen 3609
Wang ZaoYue 7749
Wang Zeng 478
Wang ZhangRong 4194
Wang ZhanHe 6196
Wang ZhaoCheng 11089
Wang ZhaoXiao 4135
Wang ZhaoXin 4112
Wang ZheHua 3481
Wang ZhenFu 2184
Wang ZhenKun 4131
Wang ZhenXing 419
Wang Zhi 7024
Wang ZhiLong 2878
Wang ZhiQiang 752, 5102, 5115, 6194, 7390
Wang ZhiQin 3625, 10311
Wang ZhiRong 11256
Wang ZhiXia 297
Wang ZhiYong 1720, 9003
Wang ZhiYuan 4546, 5644
Wang Zhong 1408
Wang ZhongLang 9811
Wang ZhongZen 7401
Wang ZiNing 12222
Wang ZiPing 5126
Wang ZiXin 1606
Wang ZiXing 12207
Wang ZiXuan 348
Wang ZongBiao 7147
Wang ZongLi 297
Wani, S. A. 836
Wanigasuriya, S. C. 369
Waninge, J. 1621
Wanjari, K. B. 10492, 12518, 12522
Wann, E. V. 5813
Wanner, G. 1316, 4401, 5598, 8975, 10028
Wanner, L. A. 4423
Wanous, M. K. 9199
Wanzenböck, E. M. 8996
Waquil, J. M. 4635, 6949
Warburton, M. L. 1727, 3955
Ward, D. A. 8249
Ward, D. C. 1355, 10270
Ward, E. R. 3196
Ward, J. M. 7836
Ward, J. M. J. 4615
Ward, R. 116
Ward, R. G. 8710
Ward, R. W. 6705
Warden, M. 11608
Ware, G. O. 5958
Ware, R. 3020
Warid, W. A. 4946, 4953
Warkentin, D. 3448
Warkentin, T. D. 10471
Warner, T. 5719
Warnes, D. O. 6699
Warnier, O. 10642
Warnke, S. E. 5964
Warren, C. 246
Warren, D. E. 11022
Warren, G. 3243, 5567
Warren, G. W. 6607
Warren, H. L. 5855
Warren, M. J. 2083
Warren, R. 6636
Warwick, N. 9047
Warwick, S. I. 7521-7522
Warzecha, R. 3407, 6852
Waseem-ul-Hassan, S. 157
Waser, N. M. 12990
Washida, H. 2317
Wasiak, K. 5950
Wassenegger, M. 6474, 11140
Wassimi, N. 6048
Wasternack, C. 1325, 3290, 3876
Wastie, R. L. 4920, 7229
Wasuwanich, P. 7618
Watad, A. A. 6416
Watanabe, A. 1025, 1033, 4191, 8318, 9875
Watanabe, H. 639, 1354, 1399, 5414, 6437
Watanabe, I. 6000-6001, 11582
Watanabe, J. A. 537, 4908
Watanabe, K. 1646, 12048
Watanabe, K. N. 537, 4908, 4922, 8388
Watanabe, M. 827, 1776, 2101, 4043, 10574
Watanabe, N. 137, 10054
Watanabe, S. 4990
Watanabe, T. 9832
Watanabe, Y. 7429, 11139
Waterborg, J. H. 1440
Waterhouse, P. M. 5886, 7234
Waterston, B. 9004
Wathelet, B. 10453
Watillon, B. 7353, 10641
Watkins, J. E. 7089
Watkins, P. A. C. 1107
Watmough, S. A. 1894
Watson, A. T. 2446
Watson, C. E. 2885
Watson, C. E., Jr. 8725
Watson, J. C. 7178
Watson, J. F., II 10567
Watson, J. M. 2398
Watson, J. P. 12668
Watt, A. D. 2953
Watt, M. P. 1109, 11918
Wattamwar, M. J. 3567
Watts, B. M. 12258
Watts, R. J. 8139
Waugh, R. 534, 896, 5232, 6779, 7220, 7632, 8368, 9711, 11302, 11306
Wauters, A. 9703
Wawrzkiewicz, M. 6965
Way, R. D. 11667
Waycott, M. 2931, 13051
Weaich, K. R. 8652
Weaver, M. L. 11643
Weaver, S. H. 4570
Webb, B. D. 5917, 7008
Webb, C. A. 10263
Webb, D. H. 1447
Webb, D. M. 9375, 11526
Webb, K. J. 442, 7113, 9356
Webb, S. E. 2634
Webb, W. W. 7567
Webber, J. E. 10949
Webber, J. F. 6379
Webber, P. Y. 9740
Weben, C. 12862
Weber, A. 8074
Weber, D. F. 9242, 10182-10183
Weber, H. 2442, 11548
Weber, H. E. 3964
Weber, J. 10541
Weber, W. E. 8673, 10040, 10839
Webster, A. D. 12058
Webster, C. I. 8316, 9969
Webster, J. A. 3393
Webster, R. D. 8648
Weck, E. 5583
Wedel, N. 3287
Wee, Y. C. 11055
Wee YeowChin 11055
Weeden, N. F. 497, 3927, 7292, 7869, 10652, 10660
Weeds, A. G. 266
Weegels, P. L. 6742-6743
Week's Roses 1937-1938
Weg, W. E. van de 1734, 7395, 9611, 11746-11747
Wegener, C. 10541-10542
Weginwar, B. G. 8602
Węgrzyn, S. 6873, 6898
Wehling, P. 3423
Wehling, R. L. 11267
Wehmeyer, N. 3242
Wehner, T. C. 2652, 6165, 7343, 7775, 8455, 8459, 9056
Wehrmann, A. 40
Wei, D. M. 12316
Wei, D. S. 9282
Wei, G. J. 12840
Wei, J. 6006
Wei, J. C. 367
Wei, J. M. 2255
Wei, J. Z. 7083
Wei, M. 7152
Wei, N. 3213, 4412, 7840
Wei, R. P. 3, 1152, 7640
Wei, S. 12137, 12466
Wei, S. L. 4958
Wei, S. Q. 1635, 2547
Wei, W. 908, 8259
Wei, W. B. 9964
Wei, W. D. 4017
Wei, W. L. 1690
Wei, W. X. 5482
Wei, Y. C. 3714
Wei, Y. M. 5948
Wei, Y. Q. 10046
Wei, Y. T. 1616, 1958, 2547, 7283-7284, 7291
Wei, Y. Y. 2521, 7344, 9585
Wei, Z. G. 7594
Wei, Z. M. 2536, 9880
Wei, Z. X. 11032
Wei DawShyng 9282
Wei DeMing 12316
Wei GuoJiang 12840
Wei JiaMian 2255
Wei JinCheng 367
Wei Min 7152
Wei Ning 3213, 4412, 7840
Wei Shi 12466
Wei ShiQuan 2547
Wei ShunLian 4958
Wei Song 12137
Wei WenBin 9964
Wei WenLin 1690
Wei WenXiong 5482
Wei YiMin 5948
Wei YiQin 10046
Wei YongTai 1958
Wei YouYing 2521, 7344, 9585
Wei YuTang 1616, 2547, 7283-7284, 7291
Wei ZhenGuo 7594
Wei ZhiiMing 2536
Wei ZhiMing 9880
Wei ZhongXin 11032
Weibel, F. 3932
Weiblen, G. D. 1058
Weibull, P. 2068
Weidema, I. R. 5984
Weigel, D. 3227, 4417, 9055
Weigel, R. 6850
Weihe, A. 5223
Weil, C. F. 8078
Weiler, E. W. 54, 7811
Weinberg, D. 12409
Weinberger, J. H. 4341
Weining, S. 11224
Weinman, J. J. 432, 8233, 11338
Weinstein, L. H. 12028
Weipert, D. 3415, 8059-8060, 8062
Weir, B. S. 7846, 12164
Weisbeek, P. 3212, 5551, 7258, 9722, 10861
Weisbeek, P. J. 9040, 11601
Weise, M. J. 2079
Weisemann, J. M. 8993
Weiser, F. 6380, 11686
Weisgerber, H. 11970
Weising, K. 2058, 4939
Weiss, D. 1174, 5415, 6486, 6559
Weiss, H. 671
Weissenberg, K. von 2974
Weisshaar, B. 9890
Weissinger, A. K. 1850
Weissmann, E. A. 6592
Weissmann, S. 6592
Weisz, J. 12209
Welch, R. M. 105
Welch, R. W. 9178
Welham, T. 3752
Welinder, K. G. 6638
Welke, G. A. 4834-4835, 6018
Welkie, G. W. 3900
Wellburn, A. R. 4871, 6060, 9804
Weller, J. L. 10468
Weller, R. 793
Wellink, J. 6341
Wells, B. 493
Wells, B. R. 5871, 5903, 5947
Wells, R. 2432
Welsh, T. 1564
Welter, M. 9191
Welty, R. E. 412
Weltzien R., E. 329
Wen, C. G. 8181
Wen, F. J. 7010, 7291
Wen, H. C. 4692
Wen, J. 9648
Wen, L. 8402
Wen, S. C. 1699-1700
Wen, T. J. 9222
Wen, Y. X. 6690
Wen, Z. H. 9280
Wen CaiGan 8181
Wen FuJiang 7010, 7291
Wen HongCan 4692
Wen Jie 9648
Wen Ling 8402
Wen ShengCang 1699-1700
Wen TsuiJung 9222
Wen YuXiang 6690
Wenck, A. 12811
Wendel, J. F. 7743, 10878
Wendenburg, C. 1837
Weng, J. H. 5971
Weng, J. P. 2362
Weng JenHsien 5971
Weng JinPing 2362

Wenham, J. E. 2510
Wenner, A. 9567
Wenslaff, T. 9644
Went, J. L. van 3079, 11798
Wentworth, J. E. 12956
Wenzel, C. L. 6787
Wenzel, G. 4565, 12285
Wenzel, W. G. 4622
Wenzel, W. W. 10072
Werbrouck, S. P. O. 1919
Werner, B. K. 10534
Werner, D. J. 3956
Wernert, P. 3129
Werr, W. 1183, 11340
Werten, M. W. T. 7747
Wertheim, S. J. 10761, 11705
Wery, J. 12455
Wesenberg, D. M. 6816
Wesołowska, M. 8851
Wessel, D. 8711
Wessels, J. G. H. 7746
Wessels, K. 7076
Wessler, S. R. 340, 11113, 11352
West, A. K. 4164
West, C. P. 5953, 10356
West, J. 1971, 6633
West, J. G. 1246
West Indies Sugar Technologists 8941
Westerkamp, C. 12173
Western Flora 4219-4222, 4251
Westerweele, K. 661
Westgate, M. E. 7144
Westhoff, P. 66, 3842, 9839, 11016
Westhuizen, A. J. van der 2205
Westman, A. L. 11146, 12077
Westphal, L. 9009
Wettlaufer, S. 4431
Wettstein, D. von 6784, 6789, 10541, 11319
Wetzstein, H. Y. 11785
Wevers, J. D. A. 4101
Weyen, J. 223, 1335
Weyens, G. 8678
Weyens, G. J. 889
Weymann, K. 7842, 9993
Whalon, M. E. 6608
Wharton, P. S. 4633
Wheeler, D. M. 163, 165, 402
Wheeler, T. A. 8741
Wheeler, T. R. 12193
Wheelwright, N. T. 12013
Whelan, J. 7803, 8793, 11523
Whelan, R. J. 4224
Whetten, R. 2073
Whetten, R. W. 11958, 12898
Whitaker, M. L. 329
White, A. 9107
White, A. G. 3940
White, A. J. 7434
White, C. N. 5756
White, D. 469
White, D. G. 5833
White, D. W. R. 1450, 1459
White, J. M. 12557
White, J. W. 1514, 4857, 11555
White, K. 3007
White, L. M. 7009
White, O. 7770
White, P. J. 12326, 12329
White, T. 8937
White, T. L. 5314, 5318, 6404, 8779
White, W. H. 2796
Whitecross, M. I. 12400
Whitehead, A. S. 3191
Whitehouse, D. G. 3754
Whitelam, G. C. 76, 3220, 4410-4411, 9976, 9984, 10770
Whitelaw, C. A. 7310
Whiteley, A. 1939
Whitely, R. W. 4978
Whitham, S. 2853, 11648
Whitmore, F. W. 994
Whitney, P. J. 4582
Whitsitt, M. S. 4357
Whittaker, D. J. 9617, 9619
Whittier, R. F. 51-52, 78
Whittle, A. M. 6560
Whitton, J. 1801, 12742
Whitty, P. W. 9794
Wholesale Ornamental Nurserymen Pty Ltd 1915
Wichman, D. M. 7915
Wick, R. L. 3067
Wickersham, D. S. 6721
Wickneswari, R. 973, 8769
Widdup, K. H. 1452
Widén, B. 12286
Widholm, J. 5794
Widholm, J. M. 1243, 1504, 6670, 10231, 10411, 10422
Widick, J. D. 7155
Widmer, F. 4901
Widodo, S. E. 8522
Widrlechner, M. P. 6011
Widstrom, N. W. 2287, 5841, 6901, 6950, 9258-9259, 10198, 11365
Wiebold, W. J. 470
Wiemken, A. 4820, 7258
Wienand, U. 250, 5784
Wieneke, U. 4119
Wiersema, J. H. 6525
Wiersma, J. V. 6699
Wiersma, P. A. 2677
Wiesner, L. 10648
Wietsma, W. A. 11631
Wiggens, B. 8096
Wight, C. P. 1343
Wigley, P. J. 7236
Wijers, G. J. 7708
Wijesekera, G. A. S. 9778-9780
Wijk, J. van 4355
Wikström, K. 2175
Wilckens, R. 4754
Wilcox, J. 458
Wilcox, J. R. 4822, 8271, 8281
Wilcoxson, R. D. 3385, 6699
Wild, A. 1010, 4202
Wilde, G. E. 11387
Wilde, P. 3399
Wilde, R. 3864
Wilde, W. J. J. O. de 11076
Wildung, M. R. 5323
Wilhelm, E. 12867
Wilhelmi, L. K. 3216, 9064
Wilkie, S. E. 2083
Wilkins, H. F. 5430
Wilkins, M. B. 5441
Wilkins, P. W. 5954
Wilkins, T. A. 2890
Wilkinson, C. A. 9751
Wilkinson, G. N. 7877
Wilkinson, H. H. 449, 5997
Wilkinson, H. T. 7076
Wilkinson, J. E. 7831
Wilkinson, J. Q. 9007, 9848
Wilkinson, M. J. 4906, 8373
Willadino, L. 296
Willcox, M. 10264
Willekens, H. 4123, 11892
Willems, J. H. 12035
Willemse, M. T. M. 4289, 8095
Willemsen, V. 5551
William, H. M. 8003
William, M. D. H. M. 6818
Williams, C. 2094
Williams, C. E. 3631, 5707
Williams, C. G. 2964
Williams, C. M. 10189
Williams, D. E. 5588, 7508
Williams, E. H. 83
Williams, E. J. 7508
Williams, E. N. D. 1439
Williams, E. R. 8, 964, 7618, 8778
Williams, G. 3507
Williams, I. H. 12444
Williams, J. C. 8351
Williams, J. P. 9670
Williams, J. T. 6582, 7767
Williams, K. J. 184
Williams, M. H. 12964-12965
Williams, N. D. 9113
Williams, P. J. 12069
Williams, R. J. 1551
Williams, R. W. 11174
Williams, T. A. 10383
Williams, W. M. 8195, 10376-10377
Williams, W. P. 2287, 3529-3530, 11369
Williamson, B. 3962, 12658
Williamson, C. L. 1523
Williamson, G. 1094
Williamson, M. 8977
Williamson, P. M. 6759
Williamson, R. E. 6619
Williamson, V. M. 2052
Willis, J. H. 1053
Willis, M. E. 12000
Willits, D. H. 8433
Willits, M. G. 2047
Willmer, P. G. 10931
Willmitzer, L. 68, 539, 1564, 2021, 3290, 4900, 4910, 6677, 8382, 9503, 12547
Willmott, R. L. 5776
Wilmering, J. 3212
Wilson, A. 71
Wilson, A. D. 8046
Wilson, B. L. 10354
Wilson, D. L. 9100
Wilson, D. M. 7511
Wilson, D. P. M. 6435
Wilson, D. R. 11561
Wilson, G. 8746
Wilson, I. 5534
Wilson, J. 530-531
Wilson, J. D. 152, 12250
Wilson, J. P. 8124, 11399
Wilson, J. R. 8652, 8657, 8946
Wilson, K. 77, 4400
Wilson, K. A. 6012
Wilson, L. J. 9772-9773
Wilson, M. V. 7650
Wilson, P. J. 10903
Wilson, R. 9004
Wilson, R. F. 2425, 8280
Wilson, R. G. 490
Wilson, T. M. A. 5519, 11154
Wilson, W. A. 11225
Wilson, W. G. 12172
Wilson, Z. A. 12132
Wiltshire, C. W. 10927
Wimmers, L. E. 1507, 6133
Winden, M. J. M. van 3098
Windes, J. M. 5647
Windham, M. T. 1895
Winefield, C. S. 3023
Winfield, M. 1273
Winfrey, R. J., Jr. 9691
Winfrey, R., Jr. 12771
Wing, R. A. 4627, 4777, 6623, 9087, 10029, 10270
Wingender, R. 11820
Wingler, A. 11311, 11934
Winiarczyk, K. 8585
Winicov, I. 5981, 10371, 11498
Winiger, F. A. 11593, 12540, 12550
Wininger, S. 9346
Wink, M. 2113
Winkler, R. G. 5720, 10153
Winklmair, A. 11339
Winn, T. 11435
Winslow, M. D. 11433
Winsor, J. A. 1704
Winter, H. C. 9857
Winter, J. 2029
Winter, S. R. 12714
Wintermantel, W. M. 9756
Winz, R. 7434
Winzeler, H. 5653-5654
Winzeler, M. 5653-5654
Wipf, D. 8929
Wirén, N. von 3491
Wirtén, Å. 2023
Wirthensohn, M. G. 4223
Wirtz, U. 4591
Wiryadiputra, S. 11872
Wise, A. 6639
Wise, R. P. 4578
Wiseman, B. R. 2287, 4619, 5841, 6901, 6950, 9258-9259
Wiskich, J. T. 11523
Wiśniewska, H. 5684, 10084, 11364
Wiśniewska-Grzeszkiewicz, H. 12968
Wisniewski, M. 3960, 5112
Wisniewski, M. E. 6197
Wissemann, V. 7668, 11990
Wissuwa, M. 11499
Wistuba, A. 13019
Wit, P. J. G. M. de 1666
Witcher, D. R. 12310
Witcombe, J. R. 1151, 1391, 3150, 3572-3573, 6568, 6595, 6985
Withanage, S. P. 9780
Withers, L. A. 2710
Withers, R. M. 13012
Witkowska, M. 10472
Witsenboer, H. 3847
Witt, M. D. 1386
Witte, L. 2407
Witte, W. T. 6421
Wittich, P. E. 9849
Wittig, B. 3188
Wittmann, D. 8543
Wittner, A. 925
Wiwart, M. 4798
Włodarczyk, Z. 6092
Wobbe, K. K. 5573
Wobus, U. 2442, 8293, 11548
Woelan, S. 8772
Woeste, K. 1758
Woeste, K. E. 9033
Wofford, D. S. 1482, 2307, 5987, 6030
Wofford, T. 2904, 8742-8743
Wohlfarth, T. 9438
Wojciechowski, A. 5204
Wojciechowski, M. F. 4811, 9595
Wojciechowski, S. 11284
Wojdyla, A. T. 12968
Wolbert, E. J. H. 8689
Wolde, L. 4588
Wolf, D. D. 3554
Wolf, D. E. 4442, 12742
Wolf, D. P. 11353
Wolf, H. 11967
Wolf, M. 6850
Wolf, P. G. 1425, 8849, 12002
Wolfe, D. S. 4417
Wolfe, K. H. 2021, 8985
Wolfe, R. I. 6773-6776
Wolff, D. W. 2624
Wolff, R. 3666
Wolfram, B. 11709
Wolfrath, H. 11092
Wolkenfelt, H. 5551
Wollenberg, K. 12181
Wollenweber, E. 3119, 4304
Wolski, T. 6860
Wolter, F. P. 8556
Wolter, M. 6798
Woltering, E. J. 9835
Wolters, C. 1121
Wolters-Arts, M. 2840
Wolyn, D. J. 4993, 7222, 7235, 7303, 11636
Wondimu, A. 8072
Wong, K. C. 1746
Wong, K. M. 3131
Wong, S. M. 8466
Wong KaiChoo 1746
Wongkoay, S. 2762
Wonprasaid, S. 382
Woo, S. S. 4627, 9087, 10029, 10270
Woo SungSick 4627, 10029, 10270
Wood, A. J. 3535, 9267
Wood, B. W. 12715
Wood, C. K. 3754
Wood, D. 8957
Wood, D. F. 9179
Wood, D. T. 8226-8227
Wood, E. D. 7162
Wood, P. J. 12209
Wood, R. 6354
Woodfield, D. R. 436, 1450, 1454, 1459, 1461-1462, 2013, 4792, 10377, 11501
Woodfin, C. A. 3534
Woodhead, M. 12604

Woodman, W. L. 2294, 9202
Woodroffe, T. D. 4809
Woods, D. L. 11790
Woods, S. M. 4504
Woods-Tör, A. 7785
Woodward, W. T. W. 5489
Wooge, C. 12310
Woolley, D. J. 4995
Woolliams, J. A. 3252
Woolston, C. J. 11563
Wordragen, M. van 11881
Worede, M. 7765
Workman, J. L. 1271
Worku, M. 4588
Worland, A. 6728
Worland, A. J. 2157, 5629, 8004, 11246, 11254, 11260, 12221
Worley, R. E. 12715
Worrall, W. D. 6769
Woś, H. 10135
Woyessa, B. 1823, 2765
Wrather, J. A. 470
Wratten, S. D. 7763
Wray, J. L. 3199
Wricke, G. 1838, 3403, 8057
Wright, B. D. 9930
Wright, D. 2190
Wright, D. A. 7827
Wright, D. J. 1580
Wright, G. 11805
Wright, G. C. 469, 483, 859
Wright, J. A. 10950
Wright, J. M. 1702
Wright, L. P. 6308
Wright, M. G. 3138
Wright, N. A. 11930
Wright, R. J. 164
Wright, S. 8302
Wright, W. A. 3943
Wrigley, C. W. 2128, 11270
Wróblewski, T. 7342
Wrolstad, R. E. 10538
Wroth, J. M. 5986
Wu, A. M. 3118, 6534
Wu, A. Z. 2518
Wu, B. C. 10125
Wu, B. H. 7084
Wu, B. J. 1855
Wu, C. B. 12841
Wu, C. F. 2308
Wu, C. G. 1595
Wu, C. J. 9276, 11445
Wu, C. W. 7026
Wu, F. H. 8546
Wu, F. Y. 1605, 1635, 2544
Wu, G. J. 8318
Wu, G. L. 2735, 2735
Wu, G. N. 8149
Wu, G. S. 10463
Wu, G. T. 4689
Wu, G. W. 6355
Wu, H. G. 8797
Wu, H. J. 9966, 11168
Wu, H. K. 4682, 10304
Wu, H. L. 5273
Wu, H. P. 12818
Wu, J. G. 11796
Wu, J. H. 12843
Wu, J. L. 4698
Wu, J. P. 10613
Wu, J. R. 1332, 9047
Wu, J. S. 7461
Wu, J. Z. 348, 12368
Wu, K. J. 12651
Wu, L. 421
Wu, L. B. 7027, 12371
Wu, L. F. 4483
Wu, M. B. 9506
Wu, M. Z. 1692
Wu, P. 5918
Wu, R. 350, 3448, 7029, 8785, 10325, 10917
Wu, R. L. 5287-5288
Wu, S. H. 5134
Wu, S. J. 84
Wu, S. P. 5125
Wu, S. T. 2431, 11537
Wu, S. W. 12328
Wu, S. X. 11287
Wu, S. Y. 9186
Wu, S. Z. 1392
Wu, T. L. 7158
Wu, T. Y. 3448, 9124
Wu, W. R. 3253, 5896, 11414, 12221
Wu, X. 7079
Wu, X. M. 1827, 9674, 12730
Wu, X. Y. 12767
Wu, Y. 1363, 4555, 5012, 13038
Wu, Y. F. 444, 6349
Wu, Y. H. 12377
Wu, Y. J. 10295
Wu, Y. L. 370, 2351, 5104
Wu, Y. T. 2636, 9118
Wu, Y. X. 2340
Wu, Y. Y. 4083
Wu, Y. Z. 4788-4789
Wu, Z. D. 6349
Wu, Z. Q. 12376
Wu, Z. S. 169
Wu, Z. X. 4131
Wu, Z. Y. 9882, 9884, 10991
Wu AiMin 3118, 6534
Wu AiZhong 2518
Wu BaiChai 10125
Wu BiHua 7084
Wu BoJi 1855
Wu ChangBin 12841
Wu ChangJian 11445
Wu ChangWei 7026
Wu ChengJi 9276
Wu ChienFu 2308
Wu ChongGuang 1595
Wu FeiYan 1605, 2544
Wu FengHuang 8546
Wu GenLiang 2735
Wu GuangNan 8149
Wu GuangWen 6355
Wu GuanTing 4689
Wu GuoJiang 8318
Wu GuoShun 10463
Wu HaiGuo 8797
Wu HongPang 12818
Wu HsinKan 4682, 10304
Wu HuiJu 9966, 11168
Wu HuiLan 5273
Wu JiaHai 12843
Wu JiangSheng 7461
Wu JianLi 4698
Wu JianPing 10613
Wu JianZhong 348, 12368
Wu JingRui 9047
Wu JiRi 1332
Wu KeJun 12651
Wu LianBin 7027, 12371
Wu LiFang 4483
Wu Lin 421
Wu MeiBao 9506
Wu MingZhu 1692
Wu ShaoHua 5134
Wu ShaoPeng 5125
Wu ShaoWen 12328
Wu ShawJye 84
Wu ShengXin 11287
Wu ShuTu 2431, 11537
Wu ShuYuann 9186
Wu ShuZhi 1392
Wu TianLong 7158
Wu TiYun 3448
Wu TongYan 9124
Wu WeiRen 3253, 5896, 11414, 12221
Wu XiaoMing 1827, 9674, 12730
Wu XinYong 12767
Wu Yan 5012
Wu YaoFang 6349
Wu YaoTing 2636
Wu Yin 13038
Wu YongHong 12377
Wu YongZhong 4788-4789
Wu YueTing 9118
Wu YueXuan 2340
Wu YuJia 10295
Wu YuLan 370, 2351
Wu YuLiang 5104
Wu YunFei 444
Wu ZhaoSu 169
Wu ZhengYi 9882, 9884, 10991
Wu ZhiQiang 12376
Wu ZhongDao 6349
Wu ZhongXin 4131
Wullems, G. J. 4909, 8377, 9533, 10531
Wullschleger, S. D. 3554
Wünn, J. 9305
Wunsch, C. 11052
Wurff, T. van der 1051
Wurtele, E. S. 8989
Wurtlele, E. S. 11525
Wurtzel, E. T. 12321
Wurzinger, A. 11754
Wycoff, K. L. 10410
Wyk, B. E. van 1249, 5271, 7714, 12846
Wyk, S. M. C. van 9337
Wyke, L. 9530
Wyndaele, R. 11890
Wyss, U. 6305
Xena de Enrech, N. 11998
Xhuveli, L. 1159
Xi, G. H. 4938
Xi, Q. X. 9412
Xi, X. Y. 9495, 9687
Xi, Y. G. 2361
Xi, Y. Z. 3707
Xi QiXin 9412
Xi XiangYuan 9495, 9687
Xi YiZhen 3707
Xi YonGan 2361
Xia, B. G. 9140
Xia, B. Q. 5125
Xia, B. S. 9297
Xia, G. M. 2164, 3661
Xia, G. X. 53
Xia, H. J. 1858
Xia, L. 1720
Xia, L. F. 9811
Xia, N. H. 2003, 11091
Xia, R. X. 10640
Xia, T. 9209, 10196
Xia, W. J. 12038
Xia, X. C. 5651
Xia, Y. H. 5930
Xia, Y. J. 1220, 9222
Xia, Y. M. 9889
Xia, Y. W. 4689
Xia, Z. A. 12343
Xia, Z. L. 9341
Xia BaiGen 9140
Xia BangQing 5125
Xia BaoSen 9297
Xia GuangMin 2164, 3661
Xia GuiXian 53
Xia HuiJun 1858
Xia LiFang 9811
Xia Lin 1720
Xia RenXue 10640
Xia Tao 9209
Xia WenJuan 12038
Xia XianChun 5651
Xia YiHou 5930
Xia YiJi 1220, 9222
Xia YingWu 4689
Xia YongMei 9889
Xia ZhenAo 12343
Xiang, B. X. 1723
Xiang, C. B. 4120, 9967
Xiang, C. P. 7323
Xiang, J. Y. 10095
Xiang, Q. J. 1264, 12275
Xiang, Q. Y. 10718
Xiang, W. 2405
Xiang, Y. Z. 3085
Xiang BiXia 1723
Xiang ChangPing 7323
Xiang ChengBin 4120, 9967
Xiang JianYe 10095
Xiang QiJun 1264, 12275
Xiang QiuYun 10718
Xiang Wei 2405
Xiang YunZhao 3085
Xiao, F. H. 1115, 10338, 10341
Xiao, H. 3607
Xiao, J. 2636, 7012
Xiao, J. H. 1403
Xiao, J. P. 4596
Xiao, L. Z. 1097
Xiao, N. 1301
Xiao, S. H. 8723
Xiao, T. H. 861
Xiao, T. J. 9811
Xiao, X. G. 783
Xiao, X. H. 12038
Xiao, Y. 9229
Xiao, Y. F. 8181
Xiao, Y. H. 7325
Xiao, Y. Y. 1299
Xiao FangHua 10338, 10341
Xiao FengHui 1115
Xiao Han 3607
Xiao Jiang 2636
Xiao JiangPing 4596
Xiao JinHua 1403
Xiao LingZhi 1097
Xiao SongHua 8723
Xiao TangHua 861
Xiao TiaoJiang 9811
Xiao XiaoHe 12038
Xiao XingGuo 783
Xiao YingFang 8181
Xiao YueYan 1299
Xiao YunHua 7325
Xie, C. 8232
Xie, C. P. 7422
Xie, C. Y. 1002
Xie, D. 3589
Xie, D. X. 7553
Xie, F. L. 12274
Xie, F. X. 5872
Xie, H. 913, 5626
Xie, J. H. 4688
Xie, L. Q. 9124
Xie, M. 3587, 9284, 12362
Xie, Q. 245
Xie, Q. J. 4716
Xie, R. 2354, 7024
Xie, S. D. 649, 1635, 2567, 2654
Xie, S. P. 1217
Xie, S. Z. 1642
Xie, W. J. 2324
Xie, W. W. 2418
Xie, X. 7695
Xie, X. J. 394
Xie, X. L. 664, 1723, 3934
Xie, X. M. 419
Xie, Y. 5708, 9195
Xie, Y. F. 4675, 4697, 5931, 7057
Xie, Z. P. 4820
Xie ChuangPing 7422
Xie Dong 3589
Xie DongXiang 7553
Xie FuLai 12274
Xie FuXian 5872
Xie Hang 913
Xie LingQin 9124
Xie Ming 3587, 9284, 12362
Xie Qi 245
Xie Rong 2354, 7024
Xie ShaoPing 1217
Xie ShuangDa 649, 2567, 2654
Xie ShuZhen 1642
Xie WeiJun 2324
Xie WeiWu 2418
Xie XiaoLi 664, 1723, 3934
Xie Xin 7695
Xie XinMing 419
Xie XiuJu 394
Xie YueFeng 4675, 4697, 5931, 7057
Xie ZhePing 4820
Xin, H. W. 2143
Xin, L. C. 3085
Xin, S. Q. 7147
Xin, S. Y. 7695
Xin HauWei 2143
Xin LuChen 3085
Xin ShiQing 7147
Xin ShuYing 7695
Xing, B. T. 4965
Xing, H. Y. 7608
Xing, J. S. 4147
Xing, M. 9304
Xing, S. P. 9687
Xing, S. Y. 10988
Xing, T. 8406
Xing, Y. J. 6376
Xing, Z. Y. 5890
Xing BaoTian 4965
Xing HongYi 7608

Xing JinSong 4147
Xing Miao 9304
Xing ShiYan 10988
Xing ShuPing 9687
Xing YaJie 6376
Xing ZuYi 5890
Xiong, E. H. 169, 9128
Xiong, J. H. 7055
Xiong, K. 2428
Xiong, Z. M. 357, 2320, 2336, 3608, 4669, 4714, 5872
Xiong EnHui 169
Xiong JianHua 7055
Xiong ZhenMin 357, 2320, 2336, 3608, 5872
Xiong ZhenMing 4714
Xirau, J. V. 13024
Xiu, L. Q. 2502
Xiu LiQun 2502
Xu, B. 3707
Xu, B. S. 3278
Xu, C. G. 3586, 12372
Xu, D. M. 12825
Xu, D. R. 3112, 6529
Xu, D. Y. 2657
Xu, F. 12260
Xu, F. H. 2888
Xu, G. 9258
Xu, G. Z. 750
Xu, H. 6376
Xu, H. J. 2588, 6686, 6717
Xu, H. L. 1657, 2186-2187, 2589
Xu, H. Q. 6117, 8264
Xu, H. X. 9490
Xu, J. 248, 1363, 5005, 6690, 8179, 9539
Xu, J. B. 1635, 7274
Xu, J. C. 4674, 4679, 8136
Xu, J. H. 668
Xu, J. J. 9378
Xu, J. L. 2362
Xu, J. P. 3134
Xu, J. W. 4664
Xu, K. N. 1415
Xu, L. 4194
Xu, L. W. 4080
Xu, L. Y. 6716, 7252
Xu, M. 7284
Xu, M. L. 3596, 4462, 9665
Xu, N. 6314, 7552
Xu, N. F. 12459
Xu, N. Y. 6246, 12232
Xu, P. 9805
Xu, Q. H. 657
Xu, Q. X. 12624
Xu, R. F. 1689
Xu, R. L. 1651, 3589
Xu, R. Q. 168, 12833
Xu, R. X. 1627
Xu, S. C. 10419
Xu, S. F. 7158
Xu, S. J. 9377
Xu, S. Q. 10572
Xu, S. X. 3597
Xu, S. Z. 9995, 11198
Xu, T. W. 2565
Xu, T. Z. 9797
Xu, W. 5549
Xu, W. H. 2636
Xu, W. Y. 12465
Xu, W. Z. 11287
Xu, X. B. 3597, 10987
Xu, X. D. 668, 5159
Xu, X. H. 9412
Xu, X. L. 9417
Xu, X. P. 7017
Xu, X. S. 5050-5051
Xu, X. Y. 977, 1515
Xu, X. Z. 10714
Xu, Y. 1712, 3162, 3585, 4125, 5884, 6012, 7012, 7160, 11897
Xu, Y. B. 4681, 5577, 10300
Xu, Y. H. 2541
Xu, Y. J. 4663, 7323, 9764, 9767
Xu, Y. K. 2212, 9313
Xu, Y. Q. 12841
Xu, Y. S. 11598
Xu, Y. X. 6222
Xu, Z. 7553
Xu, Z. F. 2705, 9115
Xu, Z. H. 2536, 9880
Xu, Z. J. 2341, 3574
Xu, Z. K. 2854, 11412
Xu, Z. N. 5104, 6202
Xu, Z. Q. 1481, 11495, 12773
Xu, Z. S. 1395, 7152, 10463
Xu, Z. Y. 9760, 12232, 12766
Xu Bao 3707
Xu BingSheng 3278
Xu DaYu 2657
Xu DeRan 3112
Xu DongMei 12825-12826
Xu Feng 12260
Xu FuHua 2888
Xu GuoZhong 750
Xu HaiXin 9490
Xu HanQing 6117, 8264
Xu HeJin 2588
Xu HeLin 1657, 2589
Xu Hong 6376
Xu HuiJun 6686, 6717
Xu HuiLian 2186-2187
Xu Jia 6690
Xu JiaBin 7274
Xu JiaHui 668
Xu Jian 248
Xu JiangJu 9378
Xu JianLong 2362
Xu JianPing 3134
Xu JiChen 4674, 8136
Xu Jie 5005, 9539
Xu Jing 8179
Xu KeNong 1415
Xu Li'an 4194
Xu LiWen 4080
Xu LiYuan 6716, 7252
Xu MengLiang 3596, 9665
Xu Ming 7284
Xu MinLian 4462
Xu NaiYu 6246, 12232
Xu NanFei 12459
Xu Ning 6314, 7552
Xu Ping 9805
Xu QingHai 657
Xu QiXin 12624
Xu RenFang 1689
Xu RenLin 3589
Xu RongQi 12833
Xu RuiLing 1651
Xu RuiXian 1627
Xu RuQiang 168
Xu ShiQin 10572
Xu ShiXiong 3597
Xu ShiZhong 9995, 11198
Xu ShuChuan 10419
Xu ShuFen 7158
Xu TingZhi 9797
Xu TiWei 2565
Xu WanHe 2636
Xu Wei 5549
Xu WenYing 12465
Xu WenZhen 11287
Xu XangYang 1515
Xu XiangLing 9417
Xu XiangShang 5050-5051
Xu XinPing 7017
Xu XiouDan 668
Xu XiuDan 5159
Xu XiuHong 9412
Xu XueBin 3597
Xu XueBing 10987
Xu XueZhi 10714
Xu XuYing 977
Xu YanHui 2541
Xu YanKang 9313
Xu YanQin 12841
Xu Yao 5884
Xu YaoKui 2212
Xu YaoXing 6222
Xu Yi 3162, 4125, 6012, 11897
Xu YingJun 9764, 9767
Xu Yong 1712
Xu YongSheng 11598
Xu Yuan 7160
Xu YueJin 7323
Xu YunBi 4681, 5577, 10300
Xu ZaiFu 2705
Xu Ze 7553
Xu ZeYong 12766
Xu ZhaoFei 9115
Xu ZhaoSheng 7152, 10463
Xu ZhengJin 2341
Xu ZhengKai 2854, 11412
Xu ZhengYi 9760
Xu ZhenJin 3574
Xu ZhenNan 5104, 6202
Xu ZhiHong 2536, 9880
Xu ZhuSheng 1395
Xu ZiQin 1481, 11495, 12773
Xu ZuYuan 12232
Xuan, P. 6716
Xuan Pu 6716
Xue, A. G. 10471, 11745
Xue, B. 12890
Xue, D. Y. 10630
Xue, G. D. 2163
Xue, G. R. 2674
Xue, G. X. 3594, 9293
Xue, H. R. 12634
Xue, J. R. 12055
Xue, M. S. 9123
Xue, Q. 207
Xue, Q. Q. 9700
Xue, Q. Z. 1412, 4686, 7019, 7043
Xue, S. Y. 7056
Xue, Y. B. 1963
Xue, Z. T. 12041
Xue DaYu 10630
Xue GuangRong 2674
Xue GuangXing 3594, 9293
Xue GuoDian 2163
Xue HeRu 12634
Xue JiaRong 12055
Xue MinSheng 9123
Xue QingZhong 1412, 7019, 7043
Xue QiQing 9700
Xue ShiYu 7056
Xue YongBiao 1963
Xue ZhongTian 12041
Ya'ari, A. 12855
Yabuya, T. 11031
Yacine, A. 12865
Yadav, A. 6112
Yadav, A. K. 8573
Yadav, B. 6725
Yadav, B. R. D. 11761
Yadav, D. K. 10824, 11385, 11949
Yadav, D. N. 11493
Yadav, D. S. 1675, 8465, 8919
Yadav, F. D. 1577
Yadav, G. R. 3811
Yadav, I. S. 7467
Yadav, J. P. S. 6593
Yadav, L. N. 522, 862, 4877, 10517
Yadav, M. C. 8574
Yadav, M. S. 8118, 11398
Yadav, N. R. 1859, 7289
Yadav, O. P. 2310, 8583
Yadav, R. 8157, 11385
Yadav, R. C. 1695, 1859, 7289, 7435-7436
Yadav, R. K. 7962
Yadav, R. N. 8662
Yadav, R. S. 12402
Yadav, S. P. 6062
Yadav, S. R. 2797, 4094
Yadav, T. P. 7469
Yadav, Y. P. 1783
Yadava, H. S. 8358, 12287, 12429
Yadava, R. K. 6724
Yadava, T. P. 7467-7468, 7479, 7483, 8583
Yae, B. W. 3930
Yae ByeongWoo 3930
Yaegashi, H. 7060
Yagasaki, K. 12470
Yağbasanlar, T. 4478, 5616, 12304
Yagüe, E. 5475
Yahata, D. 11763
Yahiaoui, N. 9734
Yajima, M. 7429
Yakovlev, G. P. 4338
Yakovleva, L. A. 8379
Yakovleva, S. S. 3937
Yakuwa, T. 4990
Yalçinkaya, E. 690
Yalovsky, S. 3865, 9547
Yam, T. W. 7701
Yamada, M. 2441, 6036, 6228, 10700, 12702
Yamada, M. M. 8683
Yamada, N. 6161
Yamada, T. 1171, 3583, 3644, 7005, 7181, 8140, 9110
Yamada, Y. 7571
Yamagata, H. 12018
Yamagishi, H. 4932
Yamagishi, M. 4724, 4726
Yamaguchi, H. 405, 4889, 11619
Yamaguchi, I. 7035, 11271
Yamaguchi, J. 2344, 3583, 3601
Yamaguchi, M. 8130-8131, 8178
Yamaguchi, S. 1706, 2822
Yamaguchi-Shinozaki, K. 62, 1165, 3207, 4422, 6076, 8173
Yamakado, M. 9949
Yamakawa, O. 10558, 10695
Yamakawa, S. 827, 4043
Yamamori, M. 144, 10063
Yamamoto, C. 9807
Yamamoto, F. 11928
Yamamoto, H. Y. 8426
Yamamoto, I. 6458-6459
Yamamoto, K. 346, 12366
Yamamoto, M. 794, 7329
Yamamoto, N. 2334, 11418, 11877
Yamamoto, S. 7210, 11588
Yamamoto, T. 347, 665, 7053, 7573, 9300, 10316, 11610, 11677
Yamamoto, Y. 7031
Yamamoto, Y. Y. 12809
Yamamura, T. 12056
Yaman, M. 8331
Yamanaka, C. H. 12215
Yamane, H. 1706, 6228, 10700, 11782, 12702
Yamanouchi, M. 7173
Yamaoka, N. 7136
Yamasaki, A. 12590
Yamasaki, N. 4182
Yamasaki, S. 1684
Yamashita, M. 9350, 10380
Yamashita, N. 10546
Yamashita, Y. 5221
Yamauchi, A. 4160
Yamauchi, D. 12532
Yamauchi, M. 11435, 11438
Yamauchi, T. 1706
Yamauchi, Y. 11186
Yamazaki, K. 9715
Yamazaki, T. 11097
Yamazaki, Y. 6916
Yan, B. 313
Yan, C. G. 1515
Yan, C. J. 210, 4550
Yan, D. X. 12719
Yan, G. 7400, 11760
Yan, G. J. 12678
Yan, G. T. 7590
Yan, H. B. 9280
Yan, H. J. 211
Yan, J. L. 7199
Yan, J. M. 12381
Yan, J. Q. 1412, 4686, 7043
Yan, L. B. 1731
Yan, L. Y. 2547, 12766
Yan, Q. S. 9420, 11408
Yan, R. L. 7323, 10572
Yan, S. 1698
Yan, S. P. 12274
Yan, W. 5871, 5947
Yan, W. C. 342
Yan, X. D. 2169
Yan, X. Q. 2338
Yan, X. X. 12230
Yan, Y. X. 7252
Yan, Z. 5867, 7446
Yan, Z. F. 6355
Yan Bin 313
Yan ChangJing 210, 4550
Yan ChengGe 1515

Yan DunXiu 12719
Yan GenTu 7590
Yan GuiJun 12678
Yan HuaJun 211
Yan JiaLian 7199
Yan JianMin 12381
Yan JiXou 7252
Yan JuQiang 1412, 7043
Yan LiBo 1731
Yan LiYing 2547, 12766
Yan QingShang 9420
Yan QiuSheng 11408
Yan RuLai 7323, 10572
Yan Shi 1698
Yan ShuPing 12274
Yan WenChao 342
Yan XianXi 12230
Yan XuDong 2169
Yan XueQiang 2338
Yan ZhongFeng 6355
Yan Zhun 7446
Yanagisawa, T. 7035, 11271
Yanagisawa, Y. 9387
Yanai, Y. 51
Yanbaev, Yu. A. 4196, 6398
Yanchuck, A. D. 2960
Yandell, B. S. 2397, 4433
Yang, B. G. 2370, 2513
Yang, B. X. 7602
Yang, C. D. 7027, 12371
Yang, C. L. 2193
Yang, C. R. 2590
Yang, C. Y. 12132
Yang, D. C. 4679
Yang, D. X. 7160
Yang, F. 140, 5884
Yang, F. Q. 6347
Yang, G. C. 9816
Yang, G. F. 365
Yang, G. L. 10440
Yang, G. M. 5053
Yang, G. P. 3507, 3586, 4668, 4678, 5893, 12372
Yang, G. S. 5175, 7455, 11802
Yang, H. J. 11038
Yang, H. M. 3110
Yang, H. P. 4418
Yang, H. R. 12568
Yang, H. Y. 1858, 8474, 9593, 9727, 9841, 12812
Yang, J. 10988
Yang, J. B. 10307
Yang, J. C. 375, 3625, 10311
Yang, J. J. 584, 8214
Yang, J. L. 7992, 11244, 11300, 11465
Yang, J. M. 3592
Yang, J. S. 4462, 4902, 7424
Yang, J. X. 6716, 9158
Yang, J. Z. 3296
Yang, K. C. 1886, 4812
Yang, K. H. 6262, 10805
Yang, K. L. 7063
Yang, L. 2151-2152
Yang, L. J. 6355
Yang, L. M. 2533, 2539, 7282, 7288
Yang, M. H. 361, 3930
Yang, M. S. 10919
Yang, Q. 6016
Yang, Q. E. 4257, 4294
Yang, Q. K. 1498, 7158-7159, 9398-9399, 10425
Yang, Q. S. 8292
Yang, R. C. 11424
Yang, R. L. 10643
Yang, S. 2641
Yang, S. F. 7205, 8352, 10726
Yang, S. H. 5872, 6716
Yang, S. J. 2825, 5093, 9289, 9710
Yang, S. L. 1031, 12910
Yang, S. P. 8264
Yang, S. R. 3574
Yang, S. Y. 5171
Yang, T. 9230, 10163
Yang, T. B. 2137
Yang, T. X. 2260
Yang, W. C. 1417, 2363, 3686, 4742, 7057
Yang, W. G. 2296
Yang, W. L. 4640
Yang, W. P. 5844
Yang, W. X. 2217
Yang, W. Y. 4467
Yang, X. 1624
Yang, X. C. 10544
Yang, X. H. 5105
Yang, X. L. 419
Yang, X. M. 8721
Yang, X. N. 5175, 7455
Yang, X. P. 1689
Yang, X. Y. 2418, 5644, 9372
Yang, Y. 5157, 9666
Yang, Y. C. 2566
Yang, Y. F. 10238
Yang, Y. H. 1115
Yang, Y. L. 1958
Yang, Y. N. 8705, 11135-11136
Yang, Y. Z. 5241
Yang, Z. 2283, 10147, 10247-10248
Yang, Z. B. 6056
Yang, Z. H. 5241
Yang, Z. L. 2354
Yang, Z. M. 5651
Yang, Z. P. 355, 4366, 8151, 9940, 10309, 11416
Yang, Z. Y. 2674
Yang BaoGuo 2370, 2513
Yang BoXiang 7602
Yang CaiYun 12132
Yang ChangDeng 7027, 12371
Yang ChongLi 2193
Yang CuiRong 2590
Yang DanXia 7160
Yang Fan 5884
Yang Fang 140
Yang FangQuan 6347
Yang GenPing 3507
Yang GuangSheng 7455
Yang GuiFen 365
Yang GuiLan 10440
Yang GuiMei 5053
Yang GuoChen 9816
Yang HanMin 3110
Yang HePing 4418
Yang HongJuan 11038
Yang HongRen 12568
Yang HongYan 9841
Yang HongYuan 1858, 9727, 12812
Yang JianChang 3625, 10311
Yang JianJun 584
Yang JiaXiu 9158
Yang Jie 10988
Yang JingChang 375
Yang JinShui 4462, 4902
Yang JiuSherng 7424
Yang JiXiu 6716
Yang JuBao 10307
Yang JueMin 3592
Yang JunLiang 7992, 8214, 11244, 11300, 11465
Yang KeLi 7063
Yang KinHsing 6262, 10805
Yang KuohCheng 1886, 4812
Yang Li 2151-2152
Yang LiJun 6355
Yang LiMei 2533, 2539, 7282, 7288
Yang MiHee 3930
Yang MinHua 361
Yang MinSheng 10919
Yang Qi 6016
Yang QinEr 4257
Yang QingKai 1498, 7158-7159, 9398-9399, 10425
Yang QingShang 8292
Yang QirEr 4294
Yang RenCui 11424
Yang RuLin 10643
Yang SaeJun 9289
Yang Sen 2641
Yang ShangFa 7205, 10726
Yang ShiHu 6716
Yang ShiHua 5872
Yang ShouPing 8264
Yang ShouRen 3574
Yang SiLin 1031, 12910
Yang SuJuan 2825, 9710
Yang TaiXing 2260
Yang TianBao 2137
Yang WeiCai 3686
Yang WeiGuang 2296
Yang WenCai 1417, 2363, 4742, 7057
Yang WenPeng 5844
Yang WenXin 2217
Yang Xian 1624
Yang XiaoNiu 7455
Yang XiaoYan 5644
Yang XiCai 10544
Yang XiLin 419
Yang XingPing 1689
Yang XingYong 2418, 9372
Yang XinHua 5105
Yang XueMei 8721
Yang Yi 9666
Yang YinFu 10238
Yang YingZhou 5241
Yang YiNong 8705, 11135-11136
Yang Yong 5157
Yang YongHua 1115
Yang YuChun 2566
Yang YunLong 1958
Yang ZhenBiao 6056
Yang ZhengLin 2354
Yang ZhenYing 2674
Yang ZhongHan 5241
Yang ZhuPing 355, 4366, 8151, 9940, 10309, 11416
Yang ZuoMin 5651
Yani, A. 991, 5312
Yaniv, Z. 1795, 12778
Yano, H. 2738
Yano, M. 347, 1396, 2315, 4671-4672, 4743, 7801, 10316, 12367, 12369
Yanofsky, M. F. 3465
Yao, G. C. 9119
Yao, J. 11760
Yao, J. B. 9119
Yao, J. H. 1972
Yao, J. L. 4277, 6494
Yao, J. M. 2576, 9277
Yao, J. Q. 3359, 4533
Yao, K. M. 3590
Yao, P. 11095
Yao, Q. 5104
Yao, W. C. 5630
Yao, W. Y. 1635, 7272
Yao, Z. C. 9376
Yao JiaHua 1972
Yao JiaLong 4277, 6494
Yao JiangMing 2576
Yao KeMin 3590
Yao Ping 11095
Yao Qiang 5104
Yao WeiChuan 5630
Yao WenYue 7272
Yao ZhenChun 9376
Yap, T. K. 5493
Yapo, A. 11870
Yarnitzky, O. 6396, 12853, 12855
Yasuda, E. 7569
Yasuda, K. 4889
Yasui, T. 144, 10063
Yasui, Y. 3639
Yasumuro Y. 11226
Yatou, O. 10314
Yau, J. C. K. 6463
Yau, S. K. 5597
Yau Sui, K. 6823
Yazawa, S. 639
Yazdani, R. 984, 992
Yazdani, S. S. 626
Ye, B. J. 2544, 2603
Ye, B. X. 9495
Ye, C. X. 11002
Ye, F. 2088
Ye, G. N. 5518
Ye, M. Z. 5930
Ye, Q. L. 2566
Ye, S. 5815
Ye, X. 7079
Ye, Y. M. 791, 6224
Ye, Y. Y. 2513
Ye, Z. H. 4253
Ye, Z. W. 5120
Ye BaoJun 2544, 2603
Ye BaoXing 9495
Ye ChuangXing 11002
Ye GuangNing 5518
Ye MingZhi 5930
Ye QiuLin 2566
Ye YinMin 791, 6224
Ye YuanYing 2513
Ye ZhengHua 4253
Ye ZhengWen 5120
Yea, J. D. 8172
Yea JongDoo 8172
Yean, H. 12953
Yeang, H. Y. 8760, 8769
Yeboah, D. K. 8519
Yeh, C. C. 4321
Yeh, F. C. 7640
Yeh, K. W. 1592, 7245, 9522, 11899
Yeh, S. D. 1864, 7424
Yeh, W. L. 6279
Yeh ChangChing 4321
Yeh KaiWun 1592, 7245, 9522
Yeh ShyiDong 1864, 7424
Yeh WeiLin 6279
Yellow Rock Native Nursery Pty Ltd. 8813-8814
Yelshetty, S. 9463
Yen, C. 7992, 8214, 11244, 11300, 11465
Yen, Y. 7967, 11300
Yen, Y. F. 4995
Yen Chi 7992, 8214, 11244, 11300, 11465
Yen Yang 7967
Yen YungFu 4995
Yencho, G. C. 1582
Yendluri, K. 9668
Yeo, A. R. 10334
Yeo, M. E. 10334
Yeo, Y. S. 599
Yeo YunSoo 599
Yeoh, H. H. 11614
Yeoh HockHin 11614
Yerk-Davis, G. 107
Yermiyahu, U. 12629
Yeung, E. C. 1585
Yi, C. H. 995
Yi, H. C. 8352
Yi, H. L. 5148
Yi, H. P. 1692
Yi, H. Y. 3558
Yi, J. X. 1614
Yi, L. 12000
Yi, T. P. 11088
Yi, X. D. 7594
Yi, Y. 2099
Yi, Y. B. 1083
Yi, Z. J. 10759
Yi CheongHo 995
Yi HongPing 1692
Yi HuaLin 5148
Yi HuYing 3558
Yi JinXin 1614
Yi Li 12000
Yi TongPei 11088
Yi XianDa 7594
Yi Ying 2099
Yi YoungByung 1083
Yi ZaiJun 10759
Yian, R. C. 1657
Yian RongChang 1657
Yiao, M. J. 9769
Yiao MingJing 9769
Yichki, D. 4056
Yie, Y. 10544
Yie Yin 10544
Yiem, M. S. 6483
Yıldırım, M. B. 3336, 3783, 6732, 6737
Yıldırım, Z. 3677, 3796
Yıldiz, A. 683
Yıldız, A. 689
Yıldız, M. 7119, 9363
Yılmaz, A. 154-155, 3352
Yılmazer, R. 638
Yim, K. O. 8111
Yim KyuOck 8111
Yımaz, H. 10622
Yin, C. Y. 2148, 2213, 12262
Yin, G. C. 3712
Yin, G. P. 12038

Yin, J. C. 12719
Yin, J. Y. 12243
Yin, L. Q. 5895, 7041
Yin, S. H. 1656
Yin, T. F. 10430
Yin, W. Y. 11077
Yin, X. Y. 3603, 4700, 5905
Yin, Y. 2635
Yin, Y. H. 4960, 12840
Yin, Z. C. 5884
Yin, Z. F. 11951
Yin ChengYi 2148, 2213, 12262
Yin GuangChu 3712
Yin GuoPing 12038
Yin JiChun 12719
Yin JunYu 12243
Yin LiQing 5895, 7041
Yin ShengHua 1656
Yin TianFu 10430
Yin WuYuan 11077
Yin XinYou 3603, 4700, 5905
Yin Yan 2635
Yin YuHua 4960, 12840
Yin ZengFang 11951
Yin ZhongCao 5884
Ying, C. C. 1002
Ying, C. S. 3607
Ying, Y. R. 4902
Ying, Z. Q. 10987
Ying, Z. T. 4114
Ying CunShan 3607
Ying YanRu 4902
Ying ZhenTu 4114
Ying ZhongQuan 10987
Ylstra, B. 4404, 6417
Ynalvez, M. A. 5905
Yoder, B. J. 2988
Yogeesha, H. S. 3598
Yohda, M. 12128
Yokogami, N. 8130-8131
Yokoi, H. 7011
Yokoi, S. 7013
Yokota, S. 6364, 9281
Yokota, T. 8317, 9081
Yokotsuka, K. 3983
Yokoya, K. 12956, 12963
Yokoya, N. S. 4324
Yokoyama, R. 78
Yokozawa, Y. 7429
Yokozeki, Y. 3580, 4680, 4691, 9291
Yokuji, Y. 1587
Yolanda, J. L. 3611
Yon, Y. H. 9277
Yonekura, K. 1951
Yoneyama, S. 12056
Yoneyama, T. 3774
Yonezawa, I. 3850-3851
Yonezawa, K. 1155
Yoo, B. C. 9383
Yoo, I. O. 562
Yoo, K. C. 6156
Yoo, K. O. 11625, 11996
Yoo, Y. B. 1127
Yoo, Y. S. 541
Yoo IlOong 562
Yoo KeunChang 6156
Yoo KiOug 11625, 11996
Yoo YoungBok 1127
Yoo YoungSook 541
Yoon, E. 9200
Yoon, E. B. 1309
Yoon, H. S. 1960
Yoon, H. W. 12458
Yoon, I. S. 8353
Yoon, M. K. 563
Yoon, W. M. 563
Yoon, Y. H. 1204
Yoon EuiByung 1309
Yoon HaeSook 1960
Yoon InSun 8353
Yoon MooKyoung 563
Yoon WhaMo 563
Yoon YongHwi 1204
Yorinori, J. T. 8287
Yoshiba, Y. 62, 8173
Yoshida, A. 11680
Yoshida, H. 8047
Yoshida, K. 1052, 3904
Yoshida, K. T. 339
Yoshida, M. 9148
Yoshida, R. 3623
Yoshida, T. 1413, 7031, 7044, 7716, 11397, 13033
Yoshida, Y. 3988
Yoshihara, T. 2317
Yoshihira, T. 7878
Yoshihiro, S. 8130
Yoshikawa, H. 588, 4979, 12578
Yoshikawa, K. 3035
Yoshikawa, M. 910, 7136
Yoshikawa, N. 3035
Yoshikawa, R. 10038
Yoshikawa, Y. 8393
Yoshimaru, H. 1227
Yoshimi, R. 10121
Yoshimura, A. 1396, 9283
Yoshimura, K. 1017, 10983
Yoshimura, T. 6469
Yoshimura, Y. 666
Yoshinaga, M. 10558
Yoshino, H. 11031
Yoshioka, H. 12441
Yoshioka, M. 6342
Yoshioka, T. 5092, 11680
Yoshioka, Y. 1853
Yoshitake, T. 566
Yoshizawa, N. 6364
Yoshizumi, T. 6676
Yotani, Y. 137
You, C. R. 3661
You, L. R. 3587
You, L. X. 6384
You CuiRong 3661
You LiRu 3587
You LuXiang 6384
Youn, S. J. 570, 2528
Youn SunJoo 570, 2528
Young, A. 7849
Young, B. 7456
Young, D. 12720
Young, D. A. 10151-10152
Young, I. M. 4564
Young, J. C. 74
Young, L. D. 6027-6028
Young, N. 458
Young, N. D. 517, 5423, 6024-6025, 6489, 7778, 10399
Young, R. A. 485, 11560
Young, S. A. 386, 6567
Youngquist, W. 6038
Youssef, J. 10661
Youssef, S. S. 7108
Ystaas, J. 11690
Yu, B. 4949
Yu, B. S. 3295
Yu, B. X. 2888
Yu, C. Y. 11996
Yu, D. T. 10987
Yu, F. L. 7552
Yu, F. Q. 1784, 10772
Yu, G. H. 12646
Yu, G. X. 4697, 7057
Yu, H. 2567, 7390, 9608
Yu, H. B. 3558, 6497
Yu, H. J. 7723
Yu, H. L. 1408
Yu, H. M. 12249, 12681
Yu, H. S. 3331
Yu, H. X. 358, 11430
Yu, H. Y. 3616, 4663
Yu, J. 3927
Yu, J. B. 2749
Yu, J. H. 10305
Yu, J. L. 7243
Yu, J. Z. 5071
Yu, K. F. 5622
Yu, L. H. 1656
Yu, L. X. 5028
Yu, L. Y. 4556
Yu, M. L. 5109, 7386, 10687
Yu, S. J. 6292
Yu, S. L. 9699
Yu, S. M. 3599
Yu, S. R. 5088
Yu, S. X. 2864
Yu, T. S. 3599, 8998
Yu, W. G. 1657
Yu, X. L. 1771
Yu, X. P. 3714
Yu, X. Y. 4542
Yu, Y. G. 2435
Yu, Y. J. 372, 7274
Yu, Z. H. 1421, 7062
Yu, Z. M. 5897
Yu, Z. Y. 4709
Yu Bin 4949
Yu BingShang 3295
Yu BiXia 2888
Yu ChangYeoun 11996
Yu DeTang 10987
Yu FengQun 1784, 10772
Yu FuLian 7552
Yu GongXin 4697, 7057
Yu GuangHan 12646
Yu HaiBin 6497
Yu HanYong 3616
Yu Hao 2567
Yu HeeJu 7723
Yu HengXiu 358, 11430
Yu Hong 7390
Yu HongBin 3558
Yu HongLiang 1408
Yu HouMin 12681
Yu HuiMin 12249
Yu JianBin 2749
Yu Jing 3927
Yu JinHong 10305
Yu JinLong 7243
Yu JiZhu 5071
Yu KangFu 5622
Yu LeHui 1656
Yu LiYun 4556
Yu LongXi 5028
Yu MingLiang 5109, 7386
Yu MinLiang 10687
Yu ShengRong 5088
Yu ShuXun 2864
Yu SongLie 9699
Yu SugJong 6292
Yu SuMay 3599
Yu TienShin 3599, 8998
Yu WenGui 1657
Yu XiaoLi 1771
Yu XiuYing 4542
Yu YangJun 7274
Yu YuJun 372
Yu ZhangMing 5897
Yu ZhaoYing 4709
Yuan, B. J. 5527
Yuan, H. L. 10444
Yuan, J. 292
Yuan, J. Q. 12643
Yuan, L. 2354, 2916
Yuan, L. J. 5890
Yuan, L. P. 1403
Yuan, Q. 7, 370, 2351
Yuan, R. H. 2864
Yuan, S. T. 9280
Yuan, W. Q. 7591
Yuan, W. Y. 2153, 11226
Yuan, Y. 5144
Yuan, Y. M. 5408
Yuan, Y. P. 2212
Yuan, Z. D. 2133
Yuan, Z. H. 12841
Yuan, Z. L. 2354
Yuan BaoJun 5527
Yuan HongLi 10444
Yuan Jian 292
Yuan JiQu 12643
Yuan Lin 2354, 2916
Yuan LongJiang 5890
Yuan LongPing 1403
Yuan Qin 7, 370, 2351
Yuan RiHong 2864
Yuan WenQiao 7591
Yuan WenYe 2153, 11226
Yuan YaPing 2212
Yuan YongMing 5408
Yuan Yuan 5144
Yuan ZhengDong 2133
Yuan ZhiHui 12841
Yuan ZuoLian 2354
Yuba, A. 5472
Yubak, D. 11272
Yüce, S. 5191
Yuchi, X. H. 7
Yuchi XiaoHua 7
Yue, B. 1520
Yue, G. 3679
Yue, G. L. 11540
Yue, S. X. 10444
Yue Bin 1520
Yue ShaoXian 10444
Yukawa, T. 598
Yukinaga, H. 5158
Yuksel, D. 3798
Yuldashev, P. Kh. 1872, 7598
Yumoto, S. 466, 2423, 6000-6001
Yun, C. H. 9303
Yun, H. K. 4129
Yun, H. T. 6005, 9373
Yun, P. 7652
Yun, S. H. 145
Yun ChungHyo 9303
Yun HaeKeun 4129
Yun HongTae 6005, 9373
Yun Po 7652
Yun SukHun 145
Yunus, M. 6725
Yüzbaşıoğlu, D. 11030
Zaag, P. van der 546
Zabadal, T. J. 10705, 12669
Zabaleta, E. 2839
Zabalia, O. 3522
Zabeau, M. 3847
Zabel, P. 2569, 5007, 5015, 11881
Zabirova, É. R. 3460, 10191
Zabrodina, M. V. 5790
Zaccheo, G. 2615
Zachariah, T. J. 12042
Zachgo, S. 9845
Zadereĭ, N. S. 5995
Zadoo, S. N. 12299
Zafar, R. 1546
Zafar, Y. 5256, 10369
Zagotta, M. T. 74
Zahorchak, R. 5311
Zahradníček, J. 9706
Zaid, H. M. M. 3301
Zaiger Genetics 2681-2684, 5107-5108, 12653, 12655
Zaĭkin, D. V. 89
Zaitlin, M. 4128, 9756
Zaĭtsev, N. D. 5224-5226
Zając, E. U. 8220, 8223
Zakarauskaitė, D. 11789
Zakharov, D. 3455
Zakri, A. H. 1405, 5190
Zaleta, D. 3724
Zaltsman, O. 8378
Zalubilová, J. 12819
Zaman, F. U. 7025
Zamberlan dos Santos, N. R. 4955
Zambolim, L. 2829
Zambonelli, A. 5478
Zambrana, C. 3514
Zambrano, A. Y. 2801-2802
Zambryski, P. 3208, 8966, 9951
Zambryski, P. C. 3173, 7815, 7833, 7839
Zamet, D. 12701
Zamir, D. 1647, 1653, 8431, 9570, 10592
Zamkovoĭ, I. S. 5592
Zamorski, C. 9153
Zamri, A. S. M. 8769
Zamski, E. 3807
Zamudio Ruiz, S. 7611
Zanatta, A. C. A. 6591
Zandvoort, P. van 12542
Zanettini, M. H. B. 3712
Zanetto, A. 2934-2935, 8782, 9596
Zang, G. G. 6357
Zang, R. C. 12395
Zang GongGu 6357
Zanini Neto, J. A. 3785
Zanjare, S. R. 2468
Zanke, C. 12545
Zanlungo, S. 532
Zanoni, T. A. 11908
Zanuncio, J. C. 4635
Zanzucchi, C. 7738
Zapata, C. 12163
Zapata, F. J. 4779, 11448
Zapata, J. M. 782
Zapata, M. 2451, 4864

Zapata-Arias, F. J. 3665, 8166
Zappe, A. H. 11481
Zappi, D. 13001
Zarembinski, T. I. 5928
Zarger, G. H. 836
Zarre M., S. 12452
Zarri, A. 11010
Zarsky, V. 4415
Zatykó, L. 628, 5060
Zavala-García, F. 12340
Zavanella, M. 2806, 2817
Zavgorodnyaya, A. 11887
Zavratnik, M. 8535
Zawadzka, B. 9612
Zazzerini, A. 855
Zchori, I. B. T. 9975
Zduńczyk, Z. 2444, 3761, 12505
Zdyb, H. 686
Zebrowska, J. 10696
Zec, G. N. 6191
Zee, F. 9644, 10938
Zee, F. T. 4009
Zeevaart, J. A. D. 9029, 10200, 12148
Zefelippo, M. 173, 6954, 7889, 7911
Zehr, B. E. 1374
Zeigler, R. S. 112, 1416, 5935, 9312
Zeinali-Khanghah, H. 9682
Zeka, B. L. 9192
Zeldin, E. 9605
Zelener, N. 4838
Zelinski, L. 2894
Zeller, F. J. 174, 178, 10083, 11291
Zelnik, K. 8907
Zeltz, P. 3186
Zeman, C. 12204
Zemetra, R. S. 8008
Zemledelie 3285-3286, 3304-3305, 4057, 6680-6681, 7184
Zemni, H. 3986
Zencirci, N. 4470
Zeng, B. A. 10046
Zeng, D. L. 357
Zeng, F. H. 2340
Zeng, G. P. 9534
Zeng, H. 5096
Zeng, H. B. 9133
Zeng, M. 5749, 5815, 9230, 10163, 11270
Zeng, S. M. 1299
Zeng, S. X. 2329
Zeng, W. K. 2141
Zeng, Z. R. 6347, 6722
Zeng BaoAn 10046
Zeng DaLi 357
Zeng FuHua 2340
Zeng GuoPing 9534
Zeng HanBing 9133
Zeng Hua 5096
Zeng Ming 11270
Zeng ShaoXi 2329
Zeng ShiMai 1299
Zeng WeiKe 2141
Zeng ZhaoRong 6347
Zeng ZheRong 6722
Zengeni, S. B. 4626
Zerené Z., M. 1266
Zervakis, G. 1130
Zesopoulou, A. 6035
Zethof, J. 6485
Zetsche, K. 8973
Zetta, L. 4069
Zetterstrand, M. 4045
Zeven, A. C. 1621, 10448
Zhai, W. X. 10444
Zhai WenXue 10444
Zhan, J. T. 5113
Zhan, X. C. 10915
Zhan JianTao 5113
Zhan XiangCan 10915
Zhang, B. 6359
Zhang, B. H. 942
Zhang, B. X. 5053
Zhang, C. 6466
Zhang, C. H. 1691, 2537, 2556, 9253
Zhang, C. L. 1635, 6303
Zhang, C. M. 478, 6167
Zhang, C. Q. 12262
Zhang, C. X. 6717
Zhang, C. Y. 9138-9139, 11445
Zhang, D. C. 5600
Zhang, D. L. 6171
Zhang, D. P. 4697, 5931, 7057
Zhang, D. Q. 12726
Zhang, D. S. 2147, 2213, 8260
Zhang, D. X. 7616
Zhang, D. Y. 4566, 8406, 9070
Zhang, F. 336, 4966, 9225, 12733
Zhang, F. C. 6415
Zhang, F. D. 10196
Zhang, F. F. 12650
Zhang, F. L. 7274
Zhang, F. S. 467, 8470
Zhang, F. Y. 3459
Zhang, G. 4694, 12405
Zhang, G. C. 3346, 9146, 9150, 10075, 10188-10189
Zhang, G. D. 8271, 9388
Zhang, G. F. 5527, 10643
Zhang, G. H. 5872
Zhang, G. P. 370, 9402
Zhang, G. Q. 7, 5948
Zhang, G. R. 460, 2215, 4556, 5102, 5668, 6194, 6263
Zhang, H. 1070, 2568, 9087, 12127
Zhang, H. B. 4545, 10029
Zhang, H. D. 11007
Zhang, H. J. 1635
Zhang, H. N. 375
Zhang, H. Q. 3618, 8412
Zhang, H. S. 3632, 9310
Zhang, H. Y. 2876, 9115, 12198
Zhang, H. Z. 6686
Zhang, J. 10439
Zhang, J. F. 7462, 12729
Zhang, J. G. 2341
Zhang, J. H. 4450, 4817
Zhang, J. J. 5895, 7041
Zhang, J. Q. 6221
Zhang, J. R. 2601, 3998
Zhang, J. X. 2133
Zhang, J. Y. 8149, 9266
Zhang, J. Z. 4046, 9821, 9829
Zhang, K. H. 6698
Zhang, L. 5913
Zhang, L. B. 2341, 3574
Zhang, L. G. 2540
Zhang, L. H. 10419
Zhang, L. J. 10296
Zhang, L. M. 2568
Zhang, L. S. 9770
Zhang, L. X. 4639
Zhang, L. Y. 2498-2499, 5125, 9509
Zhang, M. D. 3451
Zhang, M. F. 2735
Zhang, M. J. 1614
Zhang, M. Q. 9699
Zhang, M. R. 180, 2153
Zhang, M. W. 3606
Zhang, M. Y. 12318
Zhang, N. 5482
Zhang, P. 5769
Zhang, P. N. 196
Zhang, Q. 1417, 2363, 2566, 4135, 4687, 4742, 7046, 7057, 12372
Zhang, Q. F. 3586, 4668, 4675, 4678, 5893, 5931, 8143
Zhang, Q. P. 2521, 2525, 7344
Zhang, Q. Q. 2854, 11412
Zhang, Q. S. 11523
Zhang, Q. W. 6376
Zhang, R. P. 4675
Zhang, R. T. 10430
Zhang, R. X. 2184
Zhang, S. 2521, 7291
Zhang, S. B. 3448
Zhang, S. F. 9162
Zhang, S. H. 9139, 11350
Zhang, S. J. 7054
Zhang, S. N. 1616
Zhang, S. Q. 1611, 5159, 7272, 9739
Zhang, S. W. 7045
Zhang, S. Y. 2542
Zhang, S. Z. 168, 370, 2351, 4322
Zhang, T. M. 2640
Zhang, T. Z. 54, 2874, 2876, 4138, 5257, 6372, 8723
Zhang, W. 2545
Zhang, W. C. 6210
Zhang, W. H. 9585
Zhang, W. J. 9817
Zhang, W. L. 6981, 9412
Zhang, W. S. 2590
Zhang, W. X. 361, 394, 5897-5898, 5906
Zhang, X. 2329, 3481
Zhang, X. D. 933
Zhang, X. F. 6497
Zhang, X. G. 4665, 7158, 10305-10306
Zhang, X. H. 2338, 5755, 8796
Zhang, X. J. 7606
Zhang, X. K. 1775
Zhang, X. L. 9769
Zhang, X. M. 2361, 5877
Zhang, X. N. 9879
Zhang, X. P. 2627, 9412
Zhang, X. Q. 2405, 11408
Zhang, X. R. 861, 1827, 7558
Zhang, X. W. 1701, 2534
Zhang, X. X. 2878
Zhang, X. Y. 3364, 4481, 9684, 10440
Zhang, Y. 1369, 3635, 9313-9314, 9383, 10259, 11348, 11868, 12362
Zhang, Y. C. 9274
Zhang, Y. D. 9053
Zhang, Y. F. 7327, 7590
Zhang, Y. G. 3934
Zhang, Y. H. 210, 581, 3113, 4550, 10988
Zhang, Y. J. 1597
Zhang, Y. K. 3616, 3618
Zhang, Y. M. 5999, 9121
Zhang, Y. P. 12630
Zhang, Y. Q. 6880
Zhang, Y. S. 5918, 10295, 11354
Zhang, Y. W. 1958
Zhang, Y. X. 3289
Zhang, Y. Z. 10173
Zhang, Z. 2316, 7299, 10758
Zhang, Z. C. 3392
Zhang, Z. E. 4596
Zhang, Z. F. 2254
Zhang, Z. H. 913, 7318, 10674
Zhang, Z. J. 180
Zhang, Z. K. 3332
Zhang, Z. L. 4590
Zhang, Z. P. 2261, 3055
Zhang, Z. S. 427, 6376
Zhang, Z. Y. 9419, 9648, 10451, 12766
Zhang, Z. Z. 10669
Zhang BaoHong 942
Zhang BaoXi 5053
Zhang Bo 6359
Zhang CaiYing 9138-9139
Zhang ChaoMei 478
Zhang ChengHe 1691, 2537, 2556, 9253
Zhang ChengMei 6167
Zhang ChongXia 6717
Zhang ChunLai 6303
Zhang ChunQing 12262
Zhang ChunYi 11445
Zhang DaYong 9070
Zhang DeCai 5600
Zhang DeLin 6171
Zhang DeShui 2147, 2213, 8260
Zhang DeYu 4566
Zhang DianXiang 7616
Zhang DongQing 12726
Zhang DuanPin 4697, 5931, 7057
Zhang Fa 336
Zhang Fan 9225, 12733
Zhang FangChun 6415
Zhang Feng 4966
Zhang FengFen 12650
Zhang FengLan 7274
Zhang FuSuo 467, 8470
Zhang GenFa 5527
Zhang GuangRou 6263
Zhang GuiChang 3346, 9146, 9150, 10075, 10188-10189
Zhang GuiDao 9388
Zhang GuiFen 10643
Zhang GuiRong 5102, 6194
Zhang GuiRu 460
Zhang GuoDong 8271
Zhang GuoHua 5872
Zhang GuoPing 9402
Zhang GuoQiang 7, 370
Zhang GuoQuan 5948
Zhang GuoRong 2215, 4556, 5668
Zhang HaiYang 2876
Zhang HaiYing 12198
Zhang Hong 12127
Zhang HongBin 10029
Zhang HongBing 4545
Zhang HongDa 11007
Zhang HongNan 375
Zhang HongSheng 3632, 9310
Zhang HongZhe 6686
Zhang Huan 2568
Zhang HuiYe 9115
Zhang JianHua 4450, 4817
Zhang JianJun 5895, 7041
Zhang JianNong 2625-2626
Zhang JiaZao 9821
Zhang JieFu 7462, 12729
Zhang JinRen 3998
Zhang JinYu 8149
Zhang JinZhong 9829
Zhang JiRen 2601
Zhang JiXin 2133
Zhang JiYi 9266
Zhang JunGuo 2341
Zhang JunQi 6221
Zhang KeHou 6698
Zhang LanYing 2498-2499, 9509
Zhang LeMin 2568
Zhang LiHua 10419
Zhang LiJian 10296
Zhang Lin 5913
Zhang LinShui 9770
Zhang LiXin 4639
Zhang LiYuan 5125
Zhang LongBu 2341, 3574
Zhang LuGang 2540
Zhang MeiJun 1614
Zhang MeiRong 180, 2153
Zhang MingDa 3451
Zhang MingFang 2735
Zhang MingWei 3606
Zhang MingYong 12318
Zhang MuQing 9699
Zhang Ning 5482
Zhang PengNian 196
Zhang Qi 1417, 2363, 4742, 7057
Zhang Qian 2566
Zhang Qiang 4135, 7046
Zhang QiFa 3586, 4668, 4675, 4678, 5893, 5931, 8143
Zhang QingQi 2854
Zhang QinQi 11412
Zhang QiPei 2521, 2525, 7344
Zhang QiSen 11523
Zhang QiWen 6376
Zhang RangTang 10430
Zhang RuiPin 4675
Zhang RuiXian 2184
Zhang SaiQun 1611
Zhang ShaoQuan 5159
Zhang ShiBo 3448
Zhang ShiHuang 11350
Zhang ShuFen 9162
Zhang ShuHua 9139
Zhang ShuJun 7054
Zhang ShuNing 1616
Zhang ShuQing 7272
Zhang ShuQun 9739
Zhang ShuYang 2542
Zhang ShuZhen 168, 4322
Zhang SiZhen 370, 2351
Zhang Song 2521, 7291
Zhang SongWu 7045
Zhang TianMing 2640

Zhang TianZhen 54, 2874, 2876, 4138, 5257, 8723
Zhang TingZhen 6372
Zhang WanXing 394
Zhang Wei 2545
Zhang WeiHua 9585
Zhang WeiLi 9412
Zhang WenCai 6210
Zhang WenJi 9817
Zhang WenLan 6981
Zhang WenShu 2590
Zhang WenXu 361, 5897-5898, 5906
Zhang XiangDi 933
Zhang XiangQi 2405
Zhang XianLong 9769
Zhang XiaoFang 6497
Zhang XiaoGang 7158
Zhang XiaoGuo 10305-10306
Zhang XiaoHui 2338
Zhang XiaoJun 7606
Zhang XiaoMing 2361, 5877
Zhang XiaoRong 7558
Zhang XiaoWei 2534
Zhang Xin 3481
Zhang XingHai 8796
Zhang XinNing 9879
Zhang XinXue 2878
Zhang XinYan 10440
Zhang XinYou 9684
Zhang XiPing 9412
Zhang XiuRong 861, 1827
Zhang Xu 2329
Zhang XueKun 1775
Zhang XueQin 11408
Zhang XueWei 1701
Zhang XueYong 4481
Zhang Yang 9313-9314
Zhang YanJun 1597
Zhang YanMin 9121
Zhang YanShen 11354
Zhang YaWen 1958
Zhang Yi 12362
Zhang YiFeng 7327
Zhang YiPing 12630
Zhang Yong 11868
Zhang YuanMing 5999
Zhang YuDong 9053
Zhang YuFan 7590
Zhang YuHong 10988
Zhang YuHua 210, 581, 3113, 4550
Zhang YunGuei 3934
Zhang YunKang 3616
Zhang YunSun 10295
Zhang YuQing 6880
Zhang ZanPing 2261, 3055
Zhang ZhanYuan 10451
Zhang Zhao 10758
Zhang ZhaoHui 7318
Zhang ZhengFang 2254
Zhang ZhenZhou 10669
Zhang ZhiE 4596
Zhang ZhiSheng 427
Zhang ZhiYong 9419
Zhang ZhiYun 9648
Zhang ZhongHeng 913
Zhang ZhongHui 10674
Zhang ZhongJun 180
Zhang ZhuShan 6376
Zhang ZiLi 4590
Zhang ZongYi 12766
Zhao, B. 7581, 11863
Zhao, B. J. 5163, 12711
Zhao, C. M. 755
Zhao, C. Z. 7027, 12371
Zhao, D. K. 7248
Zhao, D. M. 4603
Zhao, F. W. 6718
Zhao, G. Z. 7592, 12832
Zhao, H. 10767, 12719
Zhao, H. J. 833, 9118
Zhao, H. L. 1686
Zhao, J. 1126, 7748
Zhao, J. L. 4135
Zhao, J. M. 4431, 5558
Zhao, J. R. 12316
Zhao, J. X. 4133, 12727
Zhao, J. Y. 12726
Zhao, J. Z. 10631
Zhao, K. 2418
Zhao, L. L. 6717
Zhao, L. Q. 2217
Zhao, L. X. 9313
Zhao, L. Y. 2193, 12833
Zhao, M. Z. 5109, 5113
Zhao, Q. 4903, 11350
Zhao, Q. F. 355
Zhao, Q. H. 840
Zhao, Q. Y. 2549, 12634
Zhao, R. M. 11445
Zhao, S. L. 9070, 10708
Zhao, S. N. 6722
Zhao, S. X. 427
Zhao, S. Y. 1597
Zhao, S. Z. 3302
Zhao, T. F. 5628
Zhao, T. J. 8253, 9382, 12467
Zhao, T. N. 6357
Zhao, W. J. 4546
Zhao, W. M. 9127
Zhao, X. H. 11409
Zhao, X. L. 2362, 3335
Zhao, X. P. 10878
Zhao, X. Y. 2542
Zhao, Y. 6012, 12733, 12737
Zhao, Y. F. 1318
Zhao, Y. P. 1629
Zhao, Y. X. 9162
Zhao, Y. Y. 5898
Zhao, Y. Z. 1827
Zhao, Z. 9364
Zhao, Z. Y. 2538
Zhao BaoJun 5163, 12711
Zhao ChangMin 755
Zhao ChengZhang 7027, 12371
Zhao DianKe 7248
Zhao DongMei 4603
Zhao FengWu 6718
Zhao GuoZhong 7592, 12832
Zhao HeJu 833
Zhao Hua 10767, 12719
Zhao HuaLun 1686
Zhao HuiJie 9118
Zhao JianMin 4431, 5558
Zhao JianYi 12726
Zhao JiaZhi 10631
Zhao JiuRan 12316
Zhao JiXian 12727
Zhao JunLi 4135
Zhao Kai 2418
Zhao LeLian 6717
Zhao LianYuan 12833
Zhao LingYing 2193
Zhao LiQing 2217
Zhao LiXia 9313
Zhao MiZhen 5113
Zhao MiZhou 5109
Zhao Qi 11350
Zhao Qian 4903
Zhao QingHua 840
Zhao Qingyan 2549
Zhao QingYan 12634
Zhao QuanFa 355
Zhao RongMin 11445
Zhao ShangYi 1597
Zhao ShiXu 427
Zhao ShuangNing 6722
Zhao ShuLan 10708
Zhao SongLing 9070
Zhao TanFang 5628
Zhao TuanJie 8253, 9382, 12467
Zhao TuNing 6357
Zhao WenJun 4546
Zhao WenMing 9127
Zhao XianLin 3335
Zhao XiaoHui 11409
Zhao XinLi 2362
Zhao XinPing 10878
Zhao XueYun 2542
Zhao YinZhong 1827
Zhao YiPing 1629
Zhao Yuan 6012
Zhao YuFang 1318
Zhao Yun 12733, 12737
Zhao YunYun 5898
Zhao YuXin 9162
Zhao ZhiYa 2538
Zhao Zhong 9364
Zheljazkov, V. 9892, 9895
Zhen, D. L. 2338
Zhen, J. K. 2354
Zhen, R. 5877
Zhen, R. G. 2090
Zhen, S. Z. 6381
Zhen DaLi 2338
Zhen JiaKui 2354
Zhen Rou 5877
Zhen RuiGuang 2090
Zhen ShuZen 6381
Zheng, C. Q. 6359
Zheng, D. S. 4476
Zheng, G. C. 1855
Zheng, G. H. 11837
Zheng, H. H. 7062
Zheng, H. W. 12733, 12737
Zheng, J. D. 3473
Zheng, J. K. 4692
Zheng, J. R. 2567
Zheng, K. L. 2320, 3608, 4666, 4669, 4688, 12371
Zheng, L. 1495, 4080, 9963
Zheng, L. P. 12341
Zheng, M. 1995
Zheng, S. J. 12292
Zheng, S. Q. 668
Zheng, S. Z. 4826, 10421
Zheng, W. H. 8286
Zheng, W. J. 6352
Zheng, X. Q. 8768
Zheng, X. Y. 4965
Zheng, Y. 5741, 5743, 5746, 8869
Zheng, Y. L. 5754, 10196
Zheng, Y. Q. 6309
Zheng, Y. Y. 4152, 11914
Zheng, Y. Z. 3456, 8285
Zheng ChangQing 6359
Zheng GuangHua 11837
Zheng GuoChang 1855
Zheng HongWu 12733, 12737
Zheng JiaKui 4692
Zheng JiDe 3473
Zheng JinRong 2567
Zheng KangLe 2320, 3608, 4666, 12371
Zheng Ling 1495, 4080, 9963
Zheng LiPing 12341
Zheng Min 1995
Zheng ShaoJian 12292
Zheng ShaoQuan 668
Zheng ShiZhang 4826, 10421
Zheng WeiHong 8286
Zheng WenJun 6352
Zheng XiaoYing 4965
Zheng XueQin 8768
Zheng Yian 8869
Zheng YiZhi 8285
Zheng YongQiu 6309
Zheng YongZhan 3456
Zheng YunYu 4152, 11914
Zhermen, È. 6236
Zhivotovsky, L. A. 7847
Zhmyrko, T. G. 2706
Zhong, G. Y. 7922
Zhong, H. 3448
Zhong, H. H. 1605, 3195, 11172
Zhong, H. S. 346, 4743, 12366-12367
Zhong, M. 8259, 9407
Zhong, Q. X. 12719
Zhong, W. N. 12832
Zhong, X. B. 2569
Zhong, Y. 4083
Zhong, Y. M. 4740, 5093
Zhong, Y. Q. 4566, 8569
Zhong, Z. X. 6119
Zhong GanYuan 7922
Zhong HaiHong 3195, 11172
Zhong Heng 3448
Zhong HuiHong 1605
Zhong HuiSun 346, 12366-12367
Zhong QianXiang 12719
Zhong WenNan 12832
Zhong XiaoBo 2569
Zhong YongMo 4740
Zhong YuQuan 4566, 8569
Zhong ZhongXian 6119
Zhou, B. F. 2542
Zhou, B. H. 9761
Zhou, B. L. 934, 9764, 9767
Zhou, B. R. 10759
Zhou, B. Y. 11409
Zhou, C. 1858, 2848, 9727, 12812
Zhou, C. F. 9119
Zhou, C. S. 10669
Zhou, D. F. 6056, 9718
Zhou, D. X. 8972
Zhou, F. S. 1320
Zhou, G. F. 2746
Zhou, G. Q. 3596
Zhou, G. Y. 5236, 6722, 11038
Zhou, G. Z. 10710
Zhou, H. 9215, 9217
Zhou, H. C. 7054
Zhou, H. Q. 5073
Zhou, H. R. 10714
Zhou, H. Y. 10561
Zhou, J. C. 375
Zhou, J. F. 6686
Zhou, J. L. 2624, 10421
Zhou, J. M. 4083, 5039, 7320, 10604, 10987, 11644
Zhou, J. T. 5093
Zhou, J. Z. 6672
Zhou, K. D. 2318
Zhou, L. 6648, 8804
Zhou, L. N. 6226
Zhou, M. 12783
Zhou, M. D. 11837
Zhou, M. F. 9411
Zhou, P. H. 1876
Zhou, P. Q. 5076
Zhou, Q. C. 2602
Zhou, Q. X. 5143
Zhou, R. 12767
Zhou, R. M. 581, 4550
Zhou, R. Y. 12844
Zhou, S. B. 8869
Zhou, S. J. 2418
Zhou, S. K. 5066
Zhou, S. Q. 12442
Zhou, T. 4745
Zhou, T. D. 1597
Zhou, W. B. 2546, 10628
Zhou, W. Y. 2555
Zhou, X. R. 6247, 11151
Zhou, X. T. 1320
Zhou, X. Y. 11868
Zhou, Y. 2746, 3340, 7128
Zhou, Y. C. 4734, 5896, 11414
Zhou, Y. J. 182, 2588, 2695
Zhou, Y. L. 1264, 12275
Zhou, Y. M. 5180
Zhou, Y. P. 1614
Zhou, Y. Q. 5527
Zhou, Y. X. 555
Zhou, Z. 1274, 12220
Zhou, Z. H. 3459
Zhou, Z. J. 6247, 7292
Zhou, Z. Q. 1720, 3586, 5083, 12372
Zhou, Z. Y. 4689
Zhou BangFu 2542
Zhou BaoLiang 934, 9764, 9767
Zhou BingYau 11409
Zhou BiRong 10759
Zhou BuHai 9761
Zhou Chang 1858, 2848, 9727, 12812
Zhou ChuanSheng 10669
Zhou DaFeng 6056, 9718
Zhou DaoXiu 8972
Zhou FaSong 1320
Zhou GenYu 5236, 11038
Zhou GuangFan 2746
Zhou GuangQia 3596
Zhou GuiYing 6722
Zhou GuoZhong 10710
Zhou HaiYing 10561
Zhou HengCang 7054
Zhou HuiRu 10714
Zhou HuoQiang 5073
Zhou JiaChi 375
Zhou JianLing 2624
Zhou JianMin 5039, 7320, 10604, 10987, 11644
Zhou JiLun 10421
Zhou JiZhong 6672
Zhou JunFang 6686

Zhou KaiDa 2318
Zhou Li 6648
Zhou Lin 8804
Zhou LiNong 6226
Zhou MingDe 11837
Zhou MouFan 9411
Zhou PeiQing 5076
Zhou PuHua 1876
Zhou QingXian 5143
Zhou QunChu 2602
Zhou Rong 12767
Zhou RuiYang 12844
Zhou RunMei 581, 4550
Zhou ShouBiao 8869
Zhou ShuQing 12442
Zhou SiJun 2418
Zhou Tong 4745
Zhou TongDu 1597
Zhou WeiBo 2546, 10628
Zhou WeiYan 2555
Zhou XiaoYang 11868
Zhou XiRong 2734, 6247
Zhou XuTong 1320
Zhou Yang 3340
Zhou YanQing 5527
Zhou YiChang 4734
Zhou YiJun 182
Zhou YiLin 1264, 12275
Zhou YiPing 1614
Zhou YongJian 2588
Zhou YongMing 5180
Zhou Yu 7128
Zhou Yuan 2746
Zhou YuanChang 5896, 11414
Zhou YuanXiang 555
Zhou YuJun 2695
Zhou ZhiJiang 2734, 6247, 7292
Zhou ZhiQin 1720, 5083
Zhou ZhiYuan 4689
Zhu, B. C. 2695, 3118, 6534
Zhu, C. F. 6537
Zhu, C. S. 8282, 8288
Zhu, C. X. 7010
Zhu, D. F. 5899
Zhu, D. N. 3112, 6529
Zhu, D. W. 2017, 2590, 4907
Zhu, D. Y. 5130, 9822
Zhu, F. 10544
Zhu, F. T. 3392
Zhu, G. F. 372
Zhu, G. L. 4281
Zhu, G. R. 5110, 6194
Zhu, H. Q. 4147
Zhu, H. S. 6938
Zhu, J. 1412, 7846, 12395
Zhu, J. K. 84, 9046, 9933, 12152
Zhu, J. M. 5081
Zhu, J. T. 5109
Zhu, L. 3585, 4960, 7012, 9106
Zhu, L. H. 2318, 3588, 3632, 4674, 4681, 5577, 7057, 9288, 9310, 9310
Zhu, L. M. 6533
Zhu, L. Y. 2565
Zhu, P. X. 7057
Zhu, Q. 424, 9821
Zhu, Q. C. 8282, 8288
Zhu, Q. H. 2888
Zhu, Q. J. 1712
Zhu, Q. S. 3625, 10311
Zhu, Q. Z. 4134
Zhu, S. 12644
Zhu, S. H. 4668, 4678
Zhu, T. 459, 1361, 9375
Zhu, T. M. 5159
Zhu, T. S. 649, 2654
Zhu, W. 169, 9128
Zhu, W. Y. 2134
Zhu, X. C. 5128, 9127
Zhu, X. D. 357, 2336, 2338
Zhu, X. F. 7820
Zhu, X. H. 182, 4639, 12377
Zhu, X. S. 10095
Zhu, X. X. 7725
Zhu, X. Z. 12681
Zhu, Y. G. 4665, 10305-10306
Zhu, Y. J. 8644, 8651
Zhu, Y. M. 7, 11753
Zhu, Y. X. 929, 7327
Zhu, Y. Y. 2565, 7272
Zhu, Z. H. 6753
Zhu, Z. J. 2636
Zhu, Z. L. 10714
Zhu, Z. Q. 2167, 9521
Zhu, Z. W. 336
Zhu, Z. Y. 4960
Zhu BaoCheng 2695, 3118, 6534
Zhu ChangFu 6537
Zhu ChangXiang 7010
Zhu ChengSong 8282, 8288
Zhu DanNi 3112
Zhu DaoYu 5130, 9822
Zhu DeFeng 5899
Zhu DeWei 2017, 2590, 4907
Zhu Feng 10544
Zhu GenFa 372
Zhu GengRui 5110, 6194
Zhu GuangLian 4281
Zhu HaiShan 6938
Zhu HeQin 4147
Zhu JianKang 84, 9046, 9933, 12152
Zhu JianTao 5109
Zhu Jun 1412, 7846
Zhu LiHong 3632, 7057, 9310
Zhu LiHuang 2318, 3588, 4674, 4681, 5577, 9288, 9310
Zhu Ling 4960
Zhu LongYing 2565
Zhu LuMin 6533
Zhu PeiXin 7057
Zhu QianHao 2888
Zhu QiChang 8282, 8288
Zhu QiJie 1712
Zhu QingSen 3625, 10311
Zhu Quan 9821
Zhu Qun 424
Zhu-Shimoni, J. X. 9015, 9975
Zhu TangMing 5159
Zhu TianSheng 649, 2654
Zhu Tong 459, 1361, 9375
Zhu Wei 169
Zhu WeiYun 2134
Zhu XiangSan 10095
Zhu XianHao 182
Zhu XiaoHong 12377
Zhu XinChan 9127
Zhu XiouZhen 12681
Zhu XiuHua 4639
Zhu XuDong 357, 2338
Zhu XueDong 2336
Zhu XuFen 7820
Zhu YanMing 11753
Zhu YaYing 2565
Zhu YingGuo 10305-10306
Zhu YuMei 7
Zhu YuXian 929, 7327
Zhu YuYing 7272
Zhu ZhaoJin 2636
Zhu ZhenWan 336
Zhu ZhiHua 6753
Zhu ZhiQiang 9521
Zhu ZhiQing 2167
Zhu ZiLan 10714
Zhu ZongYuan 4960
Zhuang, B. C. 3707, 8260
Zhuang, E. J. 5104
Zhuang, J. J. 6690
Zhuang, J. Y. 2320, 3608, 4666, 4669, 4688, 12371
Zhuang, M. 7282
Zhuang, X. 9882, 9884
Zhuang BingChang 3707, 8260
Zhuang EnJi 5104
Zhuang JiaJan 6690
Zhuang JieYun 2320, 3608, 4666, 12371
Zhuang Mu 7282
Zhuang Xuan 9882, 9884
Zhuchenko, A. A. 6135
Zhukov, A. B. 6951
Zhuo, L. S. 4725, 7023, 11412
Zhuo, Q. Y. 649, 2658
Zhuo LiSheng 7023, 11412
Zhuo QiYong 649, 2658
Zhuping, Y. 3358
Ziauddin, A. 4993
Ziauddin Ahmad 7955, 7966, 9144
Ziegenhagen, B. 2983, 11919, 11971
Ziegle, J. 12309
Ziegler, W. 2048
Ziehe, M. 10911, 11932
Zieliński, J. 756
Zielinski, R. E. 58
Zielke, B. 4301
Zijlstra, C. 3246
Zijlstra, S. 8460
Zilberstein, A. 5596
Žilėnaitė, L. 11789
Žilinskaitė, S. 12293-12294
Zimback, L. 7525-7526
Zimmer, E. A. 8902
Zimmer, R. C. 10471
Zimmerman, J. L. 6097
Zimmerman, R. H. 6182
Zimmermann, C. 5643
Zimmermann, F. J. P. 4744, 4748
Zimmermann, I. 12130
Zimmermann, M. J. de O. 1516-1517, 9436
Zimmermann, N. F. A. 5447
Zimmermann, S. 12125
Zimniak-Przybylska, Z. 5992
Zimnoch-Guzowska, E. 6092
Zimny, J. 6832, 10025
Zink, R. A. 12013
Zinoni, F. 7892, 7910
Zinovatnaya, G. N. 849
Zinser, C. 12854
Ziouti, A. 8534
Zipfel, W. R. 7567
Zironi, R. 11078
Ziska, L. H. 3620
Zitter, T. A. 616, 12630
Zivy, M. 1368
Zizumbo-Villarreal, D. 1818
Zlokolica, M. 1808, 2070
Zobel, A. M. 6413
Zobel, R. W. 7773
Zohary, D. 6589
Zoina, A. 10543
Zolan, M. E. 9549
Zolla, L. 3884
Zong, X. P. 5102, 6194, 7390
Zong XuePu 5102, 6194, 7390
Zook, M. 4127
Zope, J. S. 9776
Zoro Bi, I. 8302
Zorun'ko, V. I. 5615
Zorzoli, R. 1811, 9564
Zote, K. K. 507
Zottini, M. 2910-2911, 7612
Zou, D. Q. 2556
Zou, D. T. 4745
Zou, H. Y. 6415
Zou, J. J. 9398-9399
Zou, J. L. 4826
Zou, J. S. 4687, 9288, 9292
Zou, J. T. 11809
Zou, Q. 366
Zou, S. H. 12327
Zou, T. C. 3029
Zou, W. H. 2229
Zou, X. J. 9308
Zou, X. X. 2601
Zou, Y. P. 5126
Zou, Z. T. 4467
Zou DaoQian 2556
Zou DeTang 4745
Zou HuiYu 6415
Zou JiangShi 9288, 9292
Zou JiJun 9398-9399
Zou JiLin 4826
Zou JiTao 11809
Zou Qi 366
Zou TianCai 3029
Zou WanHe 2229
Zou XiaoJu 9308
Zou XueXiao 2601
Zou YuPing 5126
Zoundjihekpon, J. 11616
Zounis, S. 6744
Zoysa, G. M. de 9780
Zrzavý, L. 651
Zsuffa, L. 7629
Zuanazzi, J. 5979
Zubair, M. 2463
Zubko, E. I. 912
Zubko, L. G. 6920, 6939
Zubko, M. K. 912
Züchner, S. 409
Zuffellato, F. 10524
Zuger, C. 1730
Zuily-Fodil, Y. 10803, 11824
Žukas, K. 3238, 11181
Zuker, A. 6416
Zuleta, A. 8010
Zullo, M. A. T. 7047
Zuloaga, F. O. 324
Žunić, M. D. 6205
Zúñiga, J. 5016
Zuo, Q. Y. 2654, 5110, 6194
Zuo QinYuan 5110, 6194
Zuo QiYong 2654
Zupan, J. 9951
Zur, M. 4891, 12778
Zurawicz, E. 759
Zurayk, R. A. 3120
Zurek, D. M. 915, 8694
Zverkova, S. V. 7312
Zwer, P. K. 3354
Zwet, T. van der 3936, 10666
Zwick, M. S. 6623, 7593
Zwickert-Menteur, S. 8014
Zwieb, C. 10298
Zwierzykowski, Z. 11476
Zygadlo, J. A. 10814
Žyłka, D. 8210

SUBJECT INDEX

Abelmoschus esculentus
bhendi yellow vein mosaic bigeminivirus 2662
breeding 5075
combining ability, yield components 1716, 2661, 3917, 10636
gamma radiation 8463, 9587
genetic variance, yield components 6169
heritability, yield components 1717, 8464
heterosis, yield components 1715, 10637
induced mutations, yield components 8463, 9587
multivariate analysis, yield components 10634-10635
nutritive value 3918
Pseudocercospora abelmoschi 8466
Pseudocercospora cruenta 8466
quality 3918, 10638
stability 12640
seed production 2660
yield correlations 1717, 3916, 8464-8465
Abies
genetic engineering, microsatellites 5309
genetic markers, microsatellites 5309
genetic variation, isoenzymes 1021
molecular genetics, pollen 1017
phylogeny 1021
terpenoids 1021
Abies alba
air pollution 10978
aneuploidy 12907
cytoplasmic inheritance 11971
forest decline 6393
genetic distance 2984
genetic resources 2983
genetic variation 2984, 6393
isoenzymes 1018, 6408, 11974
meiosis 10978
outcrossing 10977, 11972
pollen 10978
population genetics 11974
self compatibility 11972
self pollination 10977
stability 6393
tissue culture 12907
Abies amabilis, genetics, germination 1019
Abies cephalonica
genetic variation, isoenzymes 1021
phylogeny 1021
terpenoids 1021
Abies grandis
gene expression, abietadiene synthase 5323
nucleotide sequences, abietadiene synthase 5323
provenance trials 1016, 6407, 11970
Abies kawakamii, cytoplasmic inheritance 11971
Abies nebrodensis
genetic distance 2984
genetic variation 2984
Abies nordmanniana, tissue culture 11973
Abies pinsapo, sex 10976
Abies sachalinensis
provenance trials 1020
wood properties 1020
Abies sibirica
Monochamus urussovii 1906
proanthocyanidins 1906
Thysanophora 1906
Verticillium 1906
Abietadiene synthase
Abies grandis
gene expression 5323
nucleotide sequences 5323
Abnormal development
Arachis hypogaea, genetics 6276
Gossypium 942
Hibiscus syriacus 1048
Hordeum vulgare, endosperm 206
Liriodendron chinense, pollen 11951
Lycopersicon esculentum 10597
Mangifera indica 1751, 8536
Oryza sativa 1408

Abnormal development *cont.*
Phaseolus vulgaris, genetics 4854
Triticum aestivum, genetic markers 3330
Zea mays 5775
genetics 10222
mutations 10222
Abscisic acid
Arabidopsis thaliana
gene expression 1196, 6658, 7837, 9082, 12192
gene mapping 73, 4424
genetics 73
induced mutations 2105
molecular genetics 9032
mutations 73, 2096, 3242, 5566, 7836-7837, 9014, 9027, 9029, 9082
Brassica napus, rape, heterosis 833
Craterostigma plantagineum, gene expression 12005
Daucus carota, gene expression 10549
gene expression
conferences 5490
reviews 9082
Hevea brasiliensis 11915
Hordeum vulgare
gene expression 195-196
mutations 3374
Lycopersicon esculentum
gene expression 604, 3867
gene location 604
mutations 3290, 3877, 6137, 9552, 9559
Medicago sativa 9348
molecular genetics, reviews 9082
Nicotiana benthamiana, genetic transformation 11888
Nicotiana tabacum
gene expression 11889
genetic transformation 11889
Oryza sativa 11440
gene expression 3579
genetic transformation 3579
Populus 5289
Solanum phureja, mutations 3290
Solanum tuberosum, gene expression 8383
Triticum aestivum 4513, 10071
genetic markers 5599
Zea mays 5756
artificial selection 2265, 5748, 10209
gene expression 6910, 9082, 10200, 12192
gene mapping 9233-9234
genetic markers 5599
genetics 2265
heritability 9233
mutations 9082, 10200
nucleotide sequences 10200
restriction fragment length polymorphism 9233-9234
Abscission
Arabidopsis thaliana, genetics 12146
Cajanus cajan 4882
Gossypium hirsutum
gene expression 2873
molecular genetics 2873
Lycopersicon esculentum
gene expression 3869, 9558, 12603
nucleotide sequences 9558
Quercus robur, genetics 11929
Abutilon hybridum, varieties, Golden Bell 1911
Abutilon theophrasti
phenotypic variation 5270
random amplified polymorphic DNA 5270
Acacia
chemotaxonomy 2952
chromosome morphology, techniques 11944
DNA 8789
genetic resources 12884
polyploidy 8789

Acacia *cont.*
random amplified polymorphic DNA, taxonomy 9794
taxonomy 8789, 10934
Acacia auriculiformis
genetic markers, isoenzymes 973
outcrossing 973
Acacia boormanii, varieties, Olympic Gold 6424
Acacia catechu, tissue culture 974
Acacia cernua, taxonomy 8791
Acacia colei, taxonomy 10933
Acacia drepanolobium
insects 10931
pollination 10931
Acacia emilioana, taxonomy 2951
Acacia kraussiana, genetic variation, isoenzymes 10932
Acacia mangium
habit 5293
provenance trials 5293
tissue culture 1888
Acacia nilotica
genetic variation, isoenzymes 10932
provenance trials 8790
seeds 8790
tissue culture 975
Acacia polyphila, taxonomy 1889
Acacia tortilis, tissue culture 2950
Acacia zanzibarica
insects 10931
pollination 10931
Acampe praemorsa, tissue culture 11044
Acanthus ilicifolius
random amplified polymorphic DNA 11946
restriction fragment length polymorphism 11946
Acaphylla theae, *Camellia sinensis* 6314, 7552
ACC, *Zea mays* 2279
ACC oxidase
Actinidia chinensis, gene expression 9617
Begonia hiemalis, genetic transformation 1082
Carica papaya
gene expression 12698
nucleotide sequences 12698
Cucumis melo
gene expression 7335
genetic transformation 642, 7335
Dianthus caryophyllus, gene expression 9835
Helianthus annuus
gene expression 12741
nucleotide sequences 12741
Lycopersicon esculentum
gene expression 5013, 5080
genetic engineering 5013
genetic transformation 5080
nucleotide sequences 8432
Malus pumila, genetic engineering 5080
Musa
gene expression 9626, 10726
nucleotide sequences 9626, 10726
Nicotiana tabacum
gene expression 5013, 12808
genetic engineering 12808
genetic transformation 5013
Pelargonium hortorum
gene expression 12920
nucleotide sequences 12920
Vigna radiata, gene expression 7205
Vitis vinifera, genetic transformation 7397
ACC synthase
Actinidia chinensis, gene expression 9617
Arabidopsis thaliana, gene expression 4390
Carica papaya
gene expression 8529
nucleotide sequences 8529
Cucumis sativus, gene expression 9584

ACC synthase *cont.*
Dianthus caryophyllus, gene expression 9835
Lycopersicon esculentum
gene expression 10596
nucleotide sequences 10596
Nicotiana tabacum
gene expression 12808
genetic engineering 12808
Oryza sativa, gene expression 5928
Pelargonium hortorum
gene expression 12920
nucleotide sequences 12920
Triticum aestivum
gene expression 119
nucleotide sequences 119
Vigna radiata
gene expression 8352-8353
nucleotide sequences 8352
Accessory chromosomes
Allium porrum 4947
Allium schoenoprasum 1600
Orchis tridentata 3099
Orchis ustulata 3099
Picea 2975
Secale cereale 1346, 9181, 11243
Triticum aestivum 11243
Zea mays 265, 1360, 5740, 9211, 10176-10178
genetics 3461
polymorphism 3461
random amplified polymorphic DNA 6921
reciprocal effects 264
Acer
storage, seeds 9926
taxonomy 9797
varieties
Keithsform 12885
Norwegian Sunset 12885
Pacific Sunset 12886
Warrenred 12886
Acer platanoides
interspecific hybridization 12885-12886
tissue culture 6386
Verticillium dahliae 12889
Acer pseudoplatanus
breeding 6380
gene expression
alternate oxidase 8793
herbicides 8793
habit 6380
soil toxicity 1894
tissue culture 1894
Acer saccharum, gene expression, cold resistance 7549
Acer truncatum, interspecific hybridization 12885-12886
Aceria mangiferae, Mangifera indica 802
Aceria tulipae
Dasypyrum × *Triticum*
chromosome translocation 1300
fluorescence *in situ* hybridization 1300
Triticum araraticum 3354
Acetoacetyl-CoA reductase, *Gossypium hirsutum,* genetic transformation 4143
Acetochlor, *Zea mays* 4620
Acetolactate synthase
Gossypium hirsutum, genetic transformation 4148
Nicotiana plumbaginifolia, induced mutations 916
Acetyl-CoA acetyltransferase
Raphanus sativus
gene expression 3823
genetic engineering 3823
Acetyl-CoA *C*-acyltransferase, *Gossypium hirsutum,* genetic transformation 4143
Acetyl-CoA carboxylase
Arabidopsis thaliana
gene expression 8989, 9669
genetic engineering 9669
nucleotide sequences 8989
Brassica napus, rape, genetic transformation 9669
Zea mays, molecular genetics 5717, 5795
Acetyldeoxynivalenols, *Triticum aestivum* 2194
Acetylornithine transaminase
Alnus glutinosa
gene expression 5294
nucleotide sequences 5294
Achillea
chemotaxonomy 3119
flavonoids 3119
Achillea crithmifolia
development 8914
essential oils 8914
Achillea millefolium
genetics
essential oils 8912
sesquiterpenes 8912
Achras *(see Manilkara)*
Acid invertase
Saccharum officinarum
gene expression 8644
nucleotide sequences 8644
Saccharum robustum
gene expression 8644
nucleotide sequences 8644
Acid phosphatase
Coronilla varia 3693
Oryza sativa 367
Acidosasa chinensis, nomenclature 6551
Acidovorax avenae, Citrullus lanatus 2627
Acmella oppositifolia, tissue culture 3115
Acmena smithii, varieties, Hedgemaster 3019
Aconitate hydratase
Glycine max
genetics 10414
linkage 10414
Aconitum
chromosome morphology 4257
chromosome number 4257
cytology 4294
Acremonium, Lolium perenne 12424
Acremonium coenophialum, Festuca arundinacea 10356
Acremonium lolii, Lolium perenne 10347
Acridine orange, *Zea mays* 10169
Acrylamide, *Pisum sativum* 1525
Actin
Aegilops cylindrica, genetic transformation 11238
Arabidopsis thaliana
evolution 7821
gene expression 3197, 5538
molecular genetics 7821
nucleotide sequences 3197, 5538
Nicotiana tabacum, gene expression 2841
Oryza sativa, genetic engineering 11238
Triticum aestivum, genetic transformation 11238
Triticum aethiopicum, genetic transformation 11238
Triticum durum, genetic transformation 11238
Zea mays
gene expression 266
nucleotide sequences 266
Actinidia
chromosome number 11760
genetics, isoenzymes 7401
polyploidy 5132, 11760
protoplast culture 783
tissue culture 5135
unreduced gametes 12678
Actinidia arguta
interspecific hybridization 5132-5133
variety trials 11759
varieties, Fenglu 10708
Actinidia chinensis *(see also Actinidia deliciosa)*
drought resistance 6210
gene expression
ACC oxidase 9617
ACC synthase 9617
ethylene 9617
growth regulators 9617
methionine adenosyltransferase 9617
ripening 9617
genetics, sex linkage 12679
in situ hybridization 7400
leaves 6210
polyploidy 7401
quality 10710
sex 5134
storage 10710
Actinidia chinensis *cont.*
superoxide dismutase 5134
Actinidia deliciosa
breeding 10707
statistics 5130
chloroplast genetics 10709
cryopreservation 3988, 12680
cytology, pollen 2703
drought resistance 6210
gamma radiation 9616
genetic transformation 2704
haploidy 9616
in situ hybridization 7400
interspecific hybridization 5132-5133
leaves 6210
mitochondrial genetics 10709
mutations 5131
nucleotide sequences
phylogeny 9619
polygalacturonase 9619
parthenogenesis 9616
Phytophthora cryptogea 5136
polyploidy 6209
protoplast culture 2704
quality 9618, 10710
sex 5134
storage 10710
superoxide dismutase 5134
tissue culture 3988, 6209, 12681
Actinidia macrosperma
sex 5134
superoxide dismutase 5134
Acyl-acyl-carrier-protein desaturase, *Brassica napus,* rape, gene expression 7453
Acyl-CoA desaturase, *Arabidopsis thaliana,* genetic engineering 9971
Acyl-CoA oxidase, *Phalaenopsis,* nucleotide sequences 12020
Acylglycerols
Empetrum nigrum 10690
Rubus chamaemorus 10690
Acyltransferases
Arabidopsis thaliana, genetic transformation 11809
Brassica napus, rape, genetic transformation 11809
Limnanthes douglasii, molecular genetics 6297
Acyrthosiphon pisum, Medicago sativa 9349
Adaptability (*see* Stability)
Adelges, Picea abies 4208
Adenium arabicum
breeding 5444
flowering 5444
Adenium obesum
breeding 5444
flowering 5444
interspecific hybridization 6516
Adenium swazicum
breeding 5444
flowering 5444
interspecific hybridization 6516
Adenophora potaninii, polymorphism, isoenzymes 9831
Adenosinetriphosphatase
Arabidopsis thaliana
genetic transformation 3231
nucleotide sequences 12138
Beta vulgaris
sugarbeet
gene expression 4100
nucleotide sequences 4100
Brassica juncea
gene expression 4045
nucleotide sequences 4045
Brassica napus
rape
gene expression 4045
nucleotide sequences 4045
Brassica tournefortii
gene expression 4045
nucleotide sequences 4045
Gossypium hirsutum, gene expression 2890
Hordeum vulgare, gene expression 8025
Lycopersicon esculentum
gene expression 598, 6133
nucleotide sequences 6133
Nicotiana tabacum
gene expression 2839
genetic transformation 2839

Adenosinetriphosphatase *cont.*
Oryza sativa 12383
gene expression 7029
mitochondrial genetics 339
nucleotide sequences 339, 7029
Phaseolus vulgaris
gene expression 4859
nucleotide sequences 4859
Sorghum bicolor, mitochondrial genetics 8107
Spinacia oleracea
chloroplast genetics 7296
gene expression 3845, 7296, 10583
nucleotide sequences 10583
Triticum aestivum
gene expression 118, 2138
mitochondrial genetics 118, 11237
nucleotide sequences 2138
Vicia faba, gene expression 1507
Zea mays
gene expression 1364
genetic engineering 2255
mitochondrial genetics 9194
nucleotide sequences 1364
Adenosylmethionine decarboxylase
Dianthus caryophyllus
gene expression 11015
nucleotide sequences 11015
S-adenosylmethionine synthetase
Pinus banksiana, gene expression 1901
Arabidopsis thaliana
gene expression 6374
genetic engineering 6374
Populus alba
gene expression 6374
genetic transformation 6374
Populus tremula
gene expression 6374
genetic transformation 6374
S-adenosyl-L-methionine:Δ^{24}-sterol-C-methyltransferase, *Glycine max,* nucleotide sequences 6007
Adiantum capillus-veneris
gene expression, cyclins 1979
nuclei 11052
nucleotide sequences, cyclins 1979
Aegilops
chloroplast genetics, phylogeny 5661
chromosome pairing 3365-3366
chromosome substitution, stress 11282
cold resistance 12270
DNA hybridization 9105
embryo culture 9132
fluorescence *in situ* hybridization, ribosomal RNA 4544
genetic resources 9100
genetics, glutenins 7973
heat resistance 12270
mitochondrial genetics 1273
phylogeny 5661
restriction fragment length polymorphism, evolution 4545
somaclonal variation 1273
Aegilops aucheri
genetics
awns 188
glucose-6-phosphate isomerase 188
glumes 188
plant hairs 188
spring and winter habit 188
Aegilops biuncialis, chromosome pairing 187
Aegilops comosa
chromosome banding 1304
chromosome morphology 1304
Aegilops cylindrica
chromosome breakage 3367
genetic transformation, actin 11238
Aegilops mutica
chromosome banding 1304
chromosome morphology 1304
Aegilops ovata, chromosome banding 4543
Aegilops speltoides
genetics
awns 188
glucose-6-phosphate isomerase 188
glumes 188
plant hairs 188
spring and winter habit 188
Aegilops squarrosa
photosynthesis 10054
Aegilops squarrosa *cont.*
polyploidy 10054
Aegilops tauschii
chromosome banding 11244
embryo culture 1305
evolution 2137
gene mapping 7923
genetics
Puccinia graminis 2200
Puccinia recondita 2200
sprouting 11256
glutenins 12280
nomenclature 11300
Aegilops umbellulata
genetics
Puccinia graminis 2200
Puccinia recondita 2200
Aegilops uniaristata
chromosome banding 1304
chromosome morphology 1304
chromosome translocation 1304
Aegilops* × *Secale
chromosome pairing 187
intergeneric hybridization 187, 6836
***Aegilops* × triticale,** intergeneric hybridization 6837
Aegilops* × *Triticum
carbon 5654
chromosome aberrations 122, 2145
chromosome addition
fungi 10040
Mayetiola destructor 10096
quality 10040
chromosome banding, genomes 7932
chromosome breakage 4480
chromosome morphology 122
chromosome substitution, *Erysiphe graminis* 5649
chromosome translocation 1276
Heterodera avenae 185
cytoplasmic inheritance 5613
cytoplasmic male sterility 1275
deletions 4480
development 122
gene mapping 1276, 6703
glutenins 4475
genetics
chromosome pairing 3315
Puccinia recondita 5655
quality 5655
sprouting 11256
threshing 4488
yields 5655
hybrid seed production 1275
in situ hybridization 1276
glutenins 4475
intergeneric hybridization 122, 185, 1276, 2145, 3315, 4475, 4480, 4488, 4543, 5613-5614, 5616, 5649, 5653-5655, 6703, 6712, 6760, 7927-7928, 7932, 7944, 9132, 10040, 10045, 10096, 11241, 11256, 12223, 12248
male sterility 7928
meiosis 122
nucleocytoplasmic interaction 122, 12223
apomixis 10045
Leptosphaeria nodorum 6760
male sterility 7944
tissue culture 12248
yield components 5614
Puccinia recondita 5653-5654
random amplified polymorphic DNA
compatibility 7927
fungi 10040
quality 10040
restriction fragment length polymorphism, glutenins 4475
yield components 5653
Aegle marmelos
fruits 1756
quality 1756
Aenhenrya agastyamalayana, taxonomy 12022
Aenhenrya rotundifolia, taxonomy 12022
Aequorin
Arabidopsis thaliana
gene expression 2103
genetic transformation 2103
Nicotiana plumbaginifolia, genetic transformation 903
Aeschynomene, tissue culture 1480
Aeschynomene americana, varieties, Lee 443
Aesculus hippocastanum, embryo culture 10941
Agapanthus umbellatus
calcium 4260
pollen germination 4260
Agaricus
restriction fragment length polymorphism, phylogeny 6556
taxonomy 3136
Agaricus bisporus
chimaeras 6552
gene expression, development 11096
gene mapping 3132, 11094
genetic transformation, β-glucanase 7747
genetics
cells 6554
polysaccharides 6554
reproduction 8931
spores 8931
isoenzymes, variety classification 1129
mitotic recombination 6552
nucleotide sequences 11094
4-aminobenzoate 1-monooxygenase 11093
cellulase 5475
development 11096
hydrophobins 7746
polymorphism, esterases 1129
Pseudomonas tolaasii 11100
restriction fragment length polymorphism, phylogeny 6556
sexual reproduction 3134
variety trials 2004
Agaricus bitorquis
mitochondrial genetics, RNA polymerase 1125
nucleotide sequences, RNA polymerase 1125
Agaricus griseovinaceus, taxonomy 13052
Agave pacifica, tissue culture 2856
Agave tenuifolia, taxonomy 7611
Agave victoria-reginae, tissue culture 1982
Agglutinins
Allium sativum
gene expression 6105
nucleotide sequences 6105
Sambucus nigra, nucleotide sequences 9624
Aglaonema costatum, varieties, Northern Lightning 8894
Agrobacterium
Eucalyptus grandis, genetic transformation 7619
Eucalyptus urophylla, genetic transformation 7619
genetic transformation 2076, 11150
Agrobacterium rhizogenes
Artemisia absinthium, genetic transformation 12047
Brassica, Chinese cabbages, genetic transformation 9530
Brassica oleracea, genetic transformation 9530
Brassica pekinensis, genetic transformation 2536
genetic transformation 2063, 5522, 12107
Hyoscyamus muticus
genetic transformation 9878
somaclonal variation 9878
molecular genetics 2058
Nicotiana tabacum
gene expression 8691, 9716
genetic transformation 900, 5239, 8691, 9716-9717
Onobrychis viciifolia 1481
Phaseolus acutifolius 3726
Phaseolus vulgaris 3726
Pinus halepensis, genetic transformation 6396
Pinus sylvestris 2970
Populus, genetic transformation 4169, 12868
Populus tremula, genetic transformation 9787
Populus tremuloides, genetic transformation 9787

Agrobacterium tumefaciens
Allocasuarina verticillata, genetic transformation 8794
Arabidopsis thaliana
genetic transformation 4388, 7809
mutations 11152
Brassica carinata, genetic transformation 7436
Brassica chinensis, genetic transformation 10574
Flaveria pubescens, genetic transformation 11995
genetic transformation 1181, 3173, 4377, 11151, 11153
Gladiolus, genetic transformation 7691
Humulus lupulus, genetic transformation 4319
Ipomoea batatas, genetic transformation 4935
Malus pumila, genetic transformation 3925
molecular genetics 2058
Nicotiana plumbaginifolia, genetic transformation 8688
Nicotiana tabacum 11890
genetic transformation 1176, 8688, 11152
Oryza sativa, genetic transformation 4676, 8133
Petunia hybrida, genetic transformation 5413
Phaseolus acutifolius 3726
Phaseolus vulgaris 3726
genetic transformation 3726
Populus canadensis, genetic transformation 10914
Populus deltoides, genetic transformation 10914
Prunus 9597
peaches, *in vitro* selection 752
Prunus davidiana 5115
Prunus persica 5115
Zea mays, genetic transformation 1176
Agrobacterium vitis, *Vitis* 10706
Agromyzidae, *Cucumis sativus* 5072
Agronomy, *Triticum aestivum* 6746
Agropyron *(see also Elymus)*
Agropyron desertorum
heritability, nutritive value 4773
palatability 2380
Agropyron* × *Dasypyrum* × *Secale* × *Triticum, intergeneric hybridization 11226
Agropyron* × *Triticum
chromosome addition 4483
intergeneric hybridization 4483, 8000
Tilletia indica 8000
Agrostis, taxonomy 4781
Agrostis stolonifera
genetic transformation 10359
bilanafos 11993
herbicides 11993
genetic variation, isoenzymes 5964
heat resistance 2389
heat shock 2389
random amplified polymorphic DNA, variety classification 5965
variety classification 5373
varieties 7669, 11013
Air pollution
Abies alba 10978
Arabidopsis thaliana, mutations 83
Atriplex canescens, molecular genetics 9322
Betula pendula 12856-12857
Betula pubescens 12856
Fagus sylvatica 957, 2940, 8784
Gladiolus 11034
Phaseolus vulgaris 8310
Picea abies 957, 1011, 10970
Pinus sylvestris 4196
Populus 11939
Spinacia oleracea 9541
Ajmaline
Rauvolfia serpentina
heritability 5459
somaclonal variation 5459
Alachlor, *Zea mays* 9260
Alanine aminotransferase, *Oryza sativa* 2340
Albizia, taxonomy 982, 10943
Albizia lebbeck
germination 5297
provenance trials 5297
Albugo candida
Arabidopsis thaliana, genetics 1223
Brassica, genetics 1223
Brassica juncea 8582
combining ability 8583
epistasis 11813
genetic variance 8583
genetics 11813
Brassica napus, rape, genetics 1789
Brassica oleracea 1632, 7293
Eruca pinnatifida 8615
Eruca vesicaria 8615
Albumins
Arachis hypogaea
gene expression 9686
genetic transformation 9686
Bertholletia excelsa
gene expression 6240
genetic engineering 816, 6240, 9686, 12409
Glycine max, genetic transformation 816
Helianthus annuus 852, 6257
Nicotiana tabacum
gene expression 6240
genetic transformation 6240
Pisum sativum 3756, 4868
Triticum aestivum, genetics 3320
Alces alces, *Betula pendula* 10897
Alchemilla, apomixis 3268
Alchornea latifolia, random amplified polymorphic DNA 7631
Alcohol acyltransferase, *Fragaria ananassa* 6201
Alcohol dehydrogenase
Arabidopsis thaliana
gene expression 1196, 2096, 5568-5569
nucleotide sequences 55, 1199
polymorphism 55
Arabis gemmifera
nucleotide sequences 55
polymorphism 55
Beta vulgaris
sugarbeet
combining ability 11865
gene expression 5194
genetic transformation 5194
genetics 11864
molecular genetics 12113
Phaseolus lunatus, genetics 10453
Pinus banksiana, nucleotide sequences 4189
Ricinus communis
gene expression 5194
genetic engineering 5194
Solanum tuberosum, gene expression 10531
Sorghum bicolor
gene location 4627
molecular genetics 4627
Vitis vinifera, nucleotide sequences 11749
Washingtonia robusta, molecular genetics 3022
Zea mays
gene expression 3508, 5569, 11342
molecular genetics 5821
restriction fragment length polymorphism 11342
Aldolase, *Oryza sativa,* gene expression 9298
Aleyrodes proletella
Brassica 1638
Brassica oleracea 1638
Alfalfa mosaic alfamovirus
Medicago orbicularis 1449
Nicotiana tabacum, genetic transformation 9757
Algae, biotechnology, polysaccharides 5480
Alkaloids
Catharanthus roseus, gene expression 1989
Claviceps
gene expression 9877
nucleotide sequences 9877
Datura metel 4296
Festuca arundinacea, artificial selection 5958
Alkaloids *cont.*
Hyoscyamus muticus
genetic transformation 9878
somaclonal variation 9878
Lolium perenne 12424
Lupinus 2407
Lupinus albus, artificial selection 4800
Lupinus mutabilis 441
Lupinus tassilicus 2407
Papaver, techniques 5460
Papaver somniferum 5461
genetic engineering 12037
genetics 11058
Pelargonium 5360
Prunus, cherries 11719
Solanum chacoense 6095
Alkylresorcinols, *Hordeum vulgare* 9174
Alleles (*see* Genetics; Multiple alleles)
Allelopathins, *Lycopersicon hirsutum* 9571
Allergens
Alstroemeria 7692
Arachis hypogaea, nucleotide sequences 858
Chamaecyparis obtusa, nucleotide sequences 2990
genetic engineering 7779
genetic transformation 4374-4375
Glycine max
genetic engineering 6031
genetic transformation 12469
Hevea brasiliensis, nucleotide sequences 2915-2916
Oryza sativa
genetic transformation 352
molecular genetics 2313
nucleotide sequences 352, 8154
Secale cereale
gene mapping 4473
restriction fragment length polymorphism 4473
Triticum 1283
Triticum aestivum
gene expression 3326
gene mapping 4473
nucleotide sequences 3326
restriction fragment length polymorphism 4473
Allium
Alternaria porri 8417
chloroplast genetics, phylogeny 6110
chromosome number 11629
Delia antiqua 8418
DNA hybridization 1598
evolution 7263
genetic resources 12577
genetic variation, isoenzymes 7263
genetics, *Glomerella cingulata* 11631
Glomerella cingulata 8417
interspecific hybridization 7257
male sterility 8417
mitochondrial genetics, phylogeny 7257
molecular genetics, phylogeny 6110
pollen 2522
polyploidy 7263
random amplified polymorphic DNA 566
satellite DNA 1598
Stemphylium vesicarium 8417
stress 8417
taxonomy 3833, 12581
tissue culture 4952
Allium altyncolicum, molecular genetics, taxonomy 12582
Allium ampeloprasum
in situ hybridization, cytoplasmic inheritance 7264
interspecific hybridization 7264
nomenclature 2529
random amplified polymorphic DNA, cytoplasmic inheritance 7264
tissue culture 2526
Allium anzalonei, taxonomy 12580
Allium arvense
chromosome number 9528
seeds 9528
Allium cepa
Botrytis allii 2530
breeding 7260
history 7256
carbosulfan 1599
cell division 568, 8412

Allium cepa cont.
chromosome aberrations 1599, 2519, 11627
chromosome addition 6107
chromosome number 7262
colour 2523
cyclins 11628
development 2523
DNA hybridization 1598
Fusarium oxysporum 575, 7268, 12584
gene mapping 8410
genetic engineering, fructan:fructan 6G-fructosyltransferase 7258
genetic markers 6107
genetic resources 8409
genetic transformation 565, 2077
genetic variation, isoenzymes 2524
genetics
colour 8415
cytoplasmic male sterility 7260
Glomerella cingulata 11631
germplasm releases 3828
haploidy 571-573, 3831, 8416
heat resistance 12583
heavy metals 6106
heterosis 7260
hybrid varieties 7260
in situ hybridization, cytoplasmic inheritance 7264
information processing, bulbs 7266
interspecific hybridization 6107, 7259, 7264
isoenzymes 6109
male sterility 10569
multivariate analysis 4951
quantitative traits 6109
nucleolus organizer 8411
ovule culture 571, 573, 3831, 8416
pesticides 1599
pharmaceutical products 10571
Phoma terrestris 575
photoperiodism 8413
plant composition 2523
pollen germination 10569
polyploidy 7259
quality 4953, 12579
random amplified polymorphic DNA 8410
cytoplasmic inheritance 7264
evolution 7267
sexual reproduction 7267
regenerative ability 573
restriction fragment length polymorphism 8410
satellite DNA 1598
seed production 8414
sister chromatid exchange 6106
stability, yield components 3834
storage 4953
seeds 2121
temperature 8413, 12583
tissue culture 571-572, 7262
toxic substances 6106, 11627
variety trials 564, 4946, 8413, 11624
Viscum cruciatum 568
yield components 12583
varieties 5592
Tsukisappu 12578
Allium chinense, interspecific hybridization 566
Allium daninianum, taxonomy 6111
Allium dregeanum
chromosome number 11629
polyploidy 11629
Allium fistulosum
artificial selection
leaves 2525
male sterility 2521
chromosome addition 6107
genetic markers 6107
interspecific hybridization 6107, 7259
polyploidy 7259
seeds, storage 12198
varieties 5592
Allium grayi
chromosome morphology 11626
polyploidy 11626
Allium macrostemon, vegetative propagation 4949
Allium nutans, chromosome number 4948
Allium porrum
accessory chromosomes 4947
aneuploidy 7261
chromosome pairing 7261
cold resistance 11630
crossing over 567
genetics, *Phytophthora porri* 7269
mitochondrial genetics, phylogeny 7257
nomenclature 2529
synaptonemal complex 567, 4947
Allium roylei
DNA hybridization 1598
satellite DNA 1598
Allium sativum
centres of origin 4954
development 6108
ecotypes 2527, 6108
gene expression, agglutinins 6105
nucleotide sequences, agglutinins 6105
plant composition 6112
plant introduction 6108
quality 574, 3830, 3832
random amplified polymorphic DNA, variety classification 1601
salinity 6112
storage 3832
tissue culture 2527
variety trials 3829-3830, 4955
yield correlations 4950
varieties 5592
Allium schoenoprasum, accessory chromosomes 1600
Allium thunbergii, interspecific hybridization 566
Allium tuberosum
apomixis 7265
interspecific hybridization 566
male sterility 2520
parthenogenesis 7265
plant composition 2528
quality 2528
sugars 2528
tissue culture 10570
variety trials 570
Allium victorialis, random amplified polymorphic DNA 11625
Allium vineale
natural selection, competitive ability 569
sexual reproduction 569
vegetative propagation 569
Allium wakegi, genetic variation, isoenzymes 2524
Allocasuarina verticillata, genetic transformation, *Agrobacterium tumefaciens* 8794
Alloploidy (*see* Intergeneric hybridization; Interspecific hybridization; Polyploidy)
Alnus glutinosa
gene expression
acetylornithine transaminase 5294
glutamate-ammonia ligase 5294
molecular genetics
Frankia 6390
nodulation 6390
nucleotide sequences
acetylornithine transaminase 5294
glutamate-ammonia ligase 5294
Aloe
chemotaxonomy 5271, 12846
nomenclature 9867, 13020
taxonomy 13020
Aloe arborescens
gene expression, phosphoenolpyruvate carboxylase 1875
interspecific hybridization 7714
nucleotide sequences, phosphoenolpyruvate carboxylase 1875
polymorphism, isoenzymes 7714
population genetics 7714
Aloe claviflora
interspecific hybridization 7715
random amplified polymorphic DNA 7715
Aloe eumassawana, nomenclature 13021
Aloe ferox
interspecific hybridization 7714-7715
polymorphism, isoenzymes 7714
population genetics 7714
random amplified polymorphic DNA 7715
Aloe massawana, nomenclature 13021
Alopecurus pratensis, variety trials 7075
Aloysia lycioides
fertility 6530
polyploidy 6530
Alstonia, pollen 13026
Alstroemeria
allergens 7692
anthocyanins 4280
chromosome banding 3078
chromosome morphology 3078
colour 4280
DNA 8867
flowers 4280
genetic markers 6488
in vitro culture 7655
incompatibility 7655
interspecific hybridization 6492, 8867
ovule culture 6492
random amplified polymorphic DNA, variety classification 9851
sexual reproduction 3079
Alstroemeria aurea
fertility 8868
fluorescence *in situ* hybridization 12010
interspecific hybridization 8868
polyploidy 8868
repetitive DNA 12010
varieties
583JA 8859
586F 8862
587B 8860
Amor 1967
Diamond 5419
Diana 8861
Ibiza 5418
Irena 5421
Mira 1968
Rebecca 1966
Sacha 5420
Stabec 1966
Stalove 1967
Stamond 5419
Stapripur 1968
Stasach 5420
Statiren 5421
Vienna 5422
Yellow Luna 8862
Alstroemeria caryophyllaea
fertility 8868
interspecific hybridization 8868
polyploidy 8868
Alstroemeria ligtu
interspecific hybridization 9852
ovule culture 9852
Alstroemeria pelegrina
interspecific hybridization 9852, 9854
ovule culture 9852
tissue culture 9854
Alstroemeria psittacina
interspecific hybridization 9854
tissue culture 9854
Alternaria
Brassica napus, rape 9675
Capsicum annuum 628
Helianthus annuus 2762
Alternaria alternata
Arachis hypogaea 8608
Fragaria ananassa 5123
Helianthus annuus, in vitro selection 5186
Lycopersicon esculentum, genetic variance 9569
Pyrus pyrifolia, induced mutations 5092, 11680
Triticum aestivum 6759, 10079
Alternaria brassicae, Brassica (×) ***Sinapis*** 11634
Alternaria dianthi, Dianthus caryophyllus 12006
Alternaria helianthi, Helianthus annuus 1812, 2759
Alternaria kikuchiana, Pyrus 7367
Alternaria linicola, Linum usitatissimum, linseed 843
Alternaria porri, Allium 8417
Alternaria solani
Lycopersicon 1665, 8444
Lycopersicon esculentum 8444
Alternaria triticina, Triticum aestivum 6761
Alternaria zinniae, Zinnia 3067

Alternate oxidase, *Acer pseudoplatanus,* gene expression 8793
Altitude
Copiapoa 5443
Hordeum 5671
Hordeum vulgare 205, 8009
Ipomoea batatas 10564
Lavandula 7738
Sorbus aucuparia 2956
Trifolium repens 10380
Zea mays 10176-10177
Aluminium
Carica papaya 9641
fodder legumes 402
reviews 3650
Glycine max 7871
Hordeum vulgare 2224, 3383, 12292
Ipomoea batatas 7247
Medicago (×) *Lotus* 428
Nicotiana tabacum 9641
Oryza sativa 378, 9307
combining ability 1416
genetic variance 10336
heritability 1416
Phaseolus vulgaris 4861
Secale cereale 1348, 6689
gene location 12302
genetics 3420
linkage 12302
Senna multijuga 6391
Sorghum bicolor 4631, 6972, 9268
Trifolium pratense, in vitro selection 439
Trifolium repens 437
artificial selection 3684
genetics 438
triticale 6689, 6891-6895
in vitro selection 6889
Triticum aestivum 163, 165, 3346-3347, 5642, 6689, 6751-6752, 6756, 7871, 9145-9147, 9149-9150, 10073, 10075, 11276, 11278
artificial selection 10074
gene mapping 1294
genetics 166
restriction fragment length polymorphism 1294
somaclonal variation 10077
Triticum durum 3349, 6752
Zea mays 2280, 3498, 9249, 10251
genetics 11360
restriction fragment length polymorphism 4614
somaclonal variation 11360
Alysicarpus vaginalis
Meloidogyne hapla 1482
Meloidogyne incognita 1482
Amaranthus
chloroplast genetics, phylogeny 1425
chromosome morphology 12410
forage 11456
heritability, yield components 7067
heterozygosity, isoenzymes 3643
palatability 3855
seeds 9318
taxonomy 11455
variety trials 3855, 5950, 11456
Amaranthus caudatus
gene expression, pathogenesis-related proteins 397
genetic engineering, pathogenesis-related proteins 397
plant pigments 6130
tissue culture 12412
Amaranthus cruentus
plant pigments 6130
tissue culture 12412
Amaranthus edulis
induced mutations, photosynthesis 2371
mutations, photorespiration 9317
Amaranthus hybridus, tissue culture 12412
Amaranthus hypochondriacus
gene expression
development 3642
light 3641
malate dehydrogenase 3641
photosynthesis 3642
molecular genetics, globulins 2369
tissue culture 12412
Amaranthus powellii, cryopreservation 6670
Amaranthus tricolor
gene expression, photosynthesis 12591
Amaranthus tricolor *cont.*
plant pigments 6130
variegation 12591
Amaryllidaceae, chromosome number 7858
Amaryllis, nomenclature 6496
Amblyopyrum mutica
chloroplast genetics, phylogeny 5661
mitochondrial genetics, phylogeny 5661
Amelanchier
apomixis 3943
nucleotide sequences, phylogeny 9595
Amentotaxus formosana
genetic variation, isoenzymes 1035
random amplified polymorphic DNA 1035
Ametryn, *Saccharum officinarum, in vitro* selection 2801-2802
Amine oxidase (copper-containing), *Lens culinaris,* gene expression 10474
Amino acids
Arabidopsis thaliana
gene expression 64
mutations 9041
nucleotide sequences 64
Glycine max 6017
artificial selection 9387
grain legumes, genetic engineering 12454
Helianthus annuus 6257
Hordeum vulgare, mutations 3372
Ipomoea batatas 11614
Morus alba 10713
Nicotiana plumbaginifolia, induced mutations 916
Oryza sativa 2330, 10330
combining ability 2354
heterosis 2354
Populus
gene expression 12873
genetic transformation 12873
Solanum tuberosum, genetic transformation 4902
Sorghum bicolor 3546, 6977
Vitis 778
Vitis vinifera 3983, 10704
Zea mays 286
4-Aminobenzoate 1-monooxygenase, *Agaricus bisporus,* nucleotide sequences 11093
1-Aminocyclopropane-1-carboxylate synthase
Arabidopsis thaliana
gene expression 42
nucleotide sequences 42
5-Aminolevulinate synthase
Nicotiana tabacum
gene expression 11887
genetic transformation 11887
Amiprofos-methyl
Atropa (×) *Nicotiana* 4118
Nicotiana 4118
Amitosis, *Pinus sylvestris* 10956
Ammobium alatum, varieties, Bikini 5384
Ammonia, *Lotus corniculatus,* genetic transformation 9357
Ammonium
Arabidopsis thaliana, genetics 9044
Azolla 1133
Zea mays 6946
Amorphophallus rivieri, somaclonal variation 2518
Ampelocalamus mianningensis, nomenclature 12055
Ampelocalamus patellaris, nomenclature 12055
Ampelocissus, nomenclature 13022
Amphibromus scabrivalvis
competitive ability 11492
crop mixtures, *Lolium perenne* 11492
rhizomes 11492
vegetative propagation 11492
Amphicarpaea bracteata
Bradyrhizobium 449, 5997
genetics, *Bradyrhizobium* 12472
polymorphism, isoenzymes 449
Amplified fragment length polymorphism
Astragalus cremnophylax, genetic variation 7116
Betula pendula 10896
Camellia sinensis, variety classification 5232
Glycine max 7134
Amplified fragment length polymorphism *cont.*
Helianthus annuus 12740
Hordeum spontaneum, salinity 10117
Hordeum vulgare 8016, 11306
Miscanthus 7090
Phaseolus vulgaris 2445
Poa annua 2374
Populus 4170
Solanum tuberosum 8368, 12542
potato X potexvirus 12554-12555
Amsinckia
inbreeding depression 1061
self compatibility 1061
Amygdalus *(see Prunus)*
Amylase inhibitors
Cajanus cajan 1540
Oryza sativa, nucleotide sequences 8154
α-Amylase
Avena sativa, genetic transformation 11305
Hordeum vulgare
gene expression 11305
genetic engineering 11305
genetics 3376
mutations 9165
Nicotiana tabacum
gene expression 10107
genetic transformation 10107
Oryza sativa
gene expression 2344, 3599, 10293
genetics 3601
Secale cereale, genetics 1347
Secale × *Triticum*
chromosome addition 1347
genetics 1347
Sorghum bicolor 6965
Triticum aestivum
gene expression 6096, 12234
genetic engineering 6096
Zea mays
gene expression 10107
genetic transformation 10107
α-Amylase inhibitor
Hordeum vulgare
gene expression 10107
nucleotide sequences 10107
β-Amylase
Arabidopsis thaliana
gene expression 7832, 12133
mutations 7832, 12133
Oryza sativa, gene expression 363
Zea mays
gene expression 9186
nucleotide sequences 9186
Amylopectin
Hordeum vulgare, artificial selection 6792
molecular genetics, reviews 2056
Oryza sativa 11432
Pisum sativum
mutations 12507
pleiotropy 12507
Amylose
Hordeum vulgare 12290
artificial selection 6792
Oryza sativa 3618, 7047
epistasis 2336
gene expression 12361
genetic engineering 12361
genetics 2336, 5914, 5917
microsatellites 10292
Pisum sativum
mutations 12507
pleiotropy 12507
Solanum tuberosum
genetic transformation 1575
mutations 1575
Triticum aestivum 4471
chromosome substitution 3333
gene dosage 3333
Zea mays 12330
Anacardic acids, *Pelargonium hortorum,* genetics 11009
Anacardium occidentale
combining ability
germination 5169
vigour 5169
flowering 5168
heterosis
germination 5169

Anacardium occidentale *cont.*
heterosis *cont.*
vigour 5169
random amplified polymorphic DNA 9651
sex 4020, 5168
Ananas bracteatus, variety classification 8524
Ananas comosus
diseases, techniques 9640
variety classification 8524
Anatomy
Cicer 3770
Cicer arietinum 3770
Coffea canephora 4109
Hordeum vulgare 135
Malus pumila 11671
Orchidaceae 12025
Oryza 361
Poa pratensis 3043
Triticum aestivum 135
heritability 7952
Anchusella, taxonomy 11027
Androecium
Aquilegia caerulea 5402
Aquilegia ecalcarata 5402
Cleome spinosa 11999
Cleome violacea 11999
Crataegus 3944
Polanisia dodecandra 11999
Andropogon gerardii, cytotaxonomy 9336
Anemone coronaria
genetics
colour 7678
flowers 7678
Aneuploidy
Abies alba 12907
Allium porrum 7261
Arabidopsis thaliana 2093
Avena sativa 10125
Camellia sinensis 9708
Festuca pratensis 3659
Glycine max 9377
Gossypium hirsutum 2874, 4138, 5257
fluorescence *in situ* hybridization 7593
Oryza sativa 7020, 10304
Triticum aestivum 9115
height 5626
Vicia faba 3721
Zea mays 5738, 10182
maternal effects 261
quantitative traits 2262
Angelica
pollen 4317
taxonomy 4317
Angelica sinensis, essential oils 4313
Angiosperms
chloroplast genetics
evolution 100, 3279
NADH dehydrogenase 3277
ribulose-bisphosphate carboxylase 100
chromosome number 4438
DNA 11202
evolution, NADH dehydrogenase 3277
fertilization, reviews 1241
nucleotide sequences, phylogeny 9073
pollen 6669
Angraecum chimanimaniense, taxonomy 1094
Anigozanthos
varieties
Joey Lipstick 5397
Sunglow 3048
Anigozanthos manglesii, interspecific hybridization 7674
Anigozanthos pulcherrimus, interspecific hybridization 3048
Anigozanthos rufus, interspecific hybridization 3048
Anigozanthos viridis
development 8847
interspecific hybridization 7674
pollen 8847
Anisogramma anomala, *Corylus avellana* 6239
Annexins
Zea mays
gene expression 5705
nucleotide sequences 5705
Annona cherimola
interspecific hybridization 5160
pollination 808, 5160
Annona senegalensis, pollination 5160
Annona squamosa
interspecific hybridization 5160
tissue culture 4012
Annual habit, *Beta vulgaris,* sugarbeet, genetics 8676
Anoectochilus formosanus
random amplified polymorphic DNA 11060
tissue culture 6533
Anoectochilus koshunensis, random amplified polymorphic DNA 11060
Anogeissus rotundifolia, tissue culture 4186
Anoxia
Arabidopsis thaliana
gene expression 2103, 5568-5569
genetic transformation 2103
Oryza sativa
gene expression 12401
nucleotide sequences 12401
Saccharum officinarum, in vitro selection 8661
Vicia faba 6036
Zea mays
gene expression 3508, 5569, 5826-5827
nucleotide sequences 5827
Anther culture
Apium graveolens 7298
Asparagus officinalis 2555-2556, 3850-3851, 4987, 4993, 4996
Atriplex glauca 400
Avena 11322
Avena sativa 11322
Brassica, reviews 4041
Brassica napus, rape 1785, 7472
Brassica oleracea
broccoli 6120
cabbages 6120
cauliflowers 10579
Brassica pekinensis 1625
Bupleurum falcatum 7716, 13033
Capsicum 3894
Capsicum annuum 634, 2603-2604, 12622
Dactylis glomerata 11468
forest trees, reviews 4159
Fragaria ananassa 765, 2695, 3971, 6202, 9609
Glycine max 3712
Guizotia abyssinica 11844
haploidy, reviews 5586
Helianthus 7492
Helianthus annuus 8596, 10793
Hevea 9780
Hevea brasiliensis 6361
Hordeum vulgare 8021, 8031, 12288
Lilium 7696
Lilium longiflorum 12018
Linum usitatissimum
flax 5262
linseed 5262
Lolium perenne 3656
Malus pumila 3928
Medicago sativa 3675
Nicotiana tabacum 8699
Oryza 4727
Oryza sativa 358, 2346-2347, 2349, 2358, 4686, 4725, 4735, 5890, 7041, 7043, 10294, 10309, 10327, 11416, 11428, 12390-12392
genetic variance 1412
genetics 1412
Pyrus bretschneideri 2674
Quercus suber 9783
Rosa 7668
Secale cereale 3410-3411, 10131
Sinocalamus latiflora 4321
Solanum chacoense 8376
Solanum melongena 3887
Solanum tuberosum 1570, 3791
Sorghum bicolor 3547, 9266
Sorghum halepense 9266
subtropical fruits 3289
temperate fruits 3289
triticale 6861, 6874-6875, 11326, 12305
Anther culture *cont.*
Triticum aestivum 2163, 3317, 3340, 4494, 6717, 6738, 7969-7971, 10058
genetic markers 3309
restriction fragment length polymorphism 3309
tropical fruits 3289
Vitis vinifera 3985
Zantedeschia aethiopica 1084
Zea mays 281, 2272, 5811, 6938, 9240, 10231-10232, 12315
combining ability 2273
Anthers
Arabidopsis thaliana 7830
Brassica napus
rape
gene expression 10765
nucleotide sequences 10765
Brassica oleracea
gene expression 9533
nucleotide sequences 9533
Brassica pekinensis
gene expression 6118, 10575
molecular genetics 10575
nucleotide sequences 6118
grasses 4759
Impatiens 7684
Leucaena 10391
Lilium longiflorum
gene expression 13009
nucleotide sequences 13009
Oryza sativa, gene expression 7013
Prunus armeniaca 697
Triticum aestivum 6720
Zea mays 9214
genetics 5755
mutations 9206, 10205
Anthesis (*see* Flowering)
Anthocyanidins, *Corchorus capsularis,* genetics 4152
Anthocyanins
Alstroemeria 4280
Arabidopsis thaliana
gene expression 7832
mutations 7832
Aronia arbutifolia 10668
Aronia melanocarpa 10668
gene expression, reviews 1174
Gerbera hybrida, gene expression 6472
Glycine max 8267
Gossypium barbadense
backcrossing 8727
genetics 8727
Gossypium hirsutum
backcrossing 8727
genetics 8727
Hordeum vulgare, genetic transformation 9173
Lathyrus belinensis 11024
Lathyrus odoratus 11024
Lilium 5432
Lycopersicon esculentum, mutations 9560, 10598
Nicotiana tabacum, genetic transformation 11338
Petunia
genetic transformation 6487
genetics 6487
mutations 6487
Petunia hybrida 6486
gene expression 6486, 11028
nucleotide sequences 11028
Prunus cerasus, clonal variation 11721
Vitis vinifera 10701
gene expression 3984
mutations 6206
Zea mays
gene expression 294, 9201, 9231, 9236
gene mapping 1352
genetic engineering 11338
genetics 5777, 5802, 8084, 9236
mutations 5788
restriction fragment length polymorphism 1352
Anthonomus grandis, *Gossypium hirsutum,* artificial selection 2903
Anthranilate synthase, *Nicotiana tabacum,* genetic transformation 4112

Anthurium
tissue culture 3275, 6418
varieties
Lady Ruth 5375
Ruth Morat 5375
Anthurium andreanum
genetic transformation 12980
varieties, Champion 12972
Anthurium scherzerianum, tissue culture 12998
Antibiotics
Nicotiana tabacum, DNA methylation 7561
Triticum aestivum 1279
Antibodies
genetic transformation, plants 4380
Triticum aestivum 7919
Anticarsia gemmatalis, Glycine max 7164
Antigastra catalaunalis, Sesamum indicum 5198
Antigens
Brassica napus, rape, molecular genetics 12720
genetic transformation 3194, 4376
Antioxidants, *Fagopyrum esculentum,* genotype environment interaction 7065
Antirrhinum
gene expression
determinate and indeterminate habit 4405
inflorescences 4405
self incompatibility 1963
genetics, flowers 3227
mutations
development 7685
flowers 7685
nucleotide sequences, self incompatibility 1963
variety trials 8832
Antirrhinum majus
gene expression
cell division 1070, 1962
cold 8856
development 1072, 3236, 9039, 9845
DNA binding proteins 1964
flavonol 3-*O*-glucosyltransferase 12007
flowering 1072
flowers 1073, 1964, 3236, 9039
protein kinase 1070, 1962
transcription factors 9845
transposable elements 8856
genetic engineering
development 1072, 9039
flavonol 3-*O*-glucosyltransferase 12007
flowering 1072
flowers 9039
molecular genetics
development 3236
flowers 1073, 3236, 5412
mutations, chloroplasts 1071
nucleotide sequences
cell division 1070, 1962
chloroplasts 1071
development 9845
protein kinase 1070, 1962
transcription factors 9845
Antitrogus consanguineus, Saccharum officinarum, genetic transformation 8670
Antiviral proteins, *Phytolacca americana,* genetic engineering 12822
Aphididae
Brassica napus, rape 840
fatty oil plants 1793
Triticum aestivum 5659
Aphidoidea
Malus pumila 10662
Medicago littoralis 3673
Aphis craccivora
Lablab purpureus 10521
Vigna unguiculata 11583
gene mapping 517
linkage 517
restriction fragment length polymorphism 517
Aphis fabae, Beta vulgaris, sugarbeet 10840
Aphis gossypii, Solanum tuberosum 2504
Apigenin, *Chamomilla recutita* 8915
Apiocarpella *(see also Ascochyta)*
Apios, genetic resources 4944
Apium graveolens
anther culture 7298
gene expression, mannose-6-phosphate 6-reductase 9542
haploidy 7298
nucleotide sequences, mannose-6-phosphate 6-reductase 9542
pollen culture 7298
Septoria apiicola 10585
variety trials 4971
Apium* × *Petroselinum, intergeneric hybridization 10585
Apocytochrome *b,* *Helianthus annuus,* nucleotide sequences 10785
Apomixis 3269
Aegilops × *Triticum,* nucleocytoplasmic interaction 10045
Alchemilla 3268
Allium tuberosum 7265
Amelanchier 3943
Boehmeria 6357
books 11112
Brachiaria
gene mapping 7091
random amplified polymorphic DNA 7091
restriction fragment length polymorphism 7091
Brachiaria brizantha, mitochondrial genetics 11486
Brachiaria ruziziensis, mitochondrial genetics 11486
Cenchrus ciliaris 10361, 11461
gene expression 4777
genetic markers 11485
nucleotide sequences 4777
random amplified polymorphic DNA 11485
conferences 4332
DNA fingerprinting 3267
Elymus × *Triticum* 11240
Eragrostis curvula 11461
evolution, reviews 7864
grasses 12418
Malus hupehensis 1720
Malus mandshurica 1720
Malus zumi 1720
Nigritella 4285
Oryza sativa 12375
Parthenium argentatum 5274, 5276
Paspalum minus 11487
Pennisetum 12346
Pennisetum glaucum
genetics 12349
mutations 12349
Pennisetum squamulatum 11461
Piper betle 8918
Poa pratensis 1428, 11461
Rubus 3268
self compatibility 12177
Sorghum bicolor 3540
Tripsacum 11461
genetic markers 5843
Tripsacum dactyloides, germplasm releases 6952
Tripsacum × *Zea* 1362
chromosome addition 4599
Triticum aestivum
induced mutations 6718
nucleocytoplasmic interaction 10045
Zea mays 1362, 10192-10194
chromosome addition 4599
chromosome translocation 4600
gene mapping 4600
genetic markers 5843
random amplified polymorphic DNA 4600
restriction fragment length polymorphism 4600
Apple stem grooving cappilovirus, *Pyrus* 3941
Apple stem pitting virus, *Pyrus* 3941
Aquaporin
Arabidopsis thaliana
gene expression 56
nucleotide sequences 56
Brassica oleracea
gene expression 9533
nucleotide sequences 9533
Aquilegia caerulea
androecium 5402
development 5402
gynoecium 5402
hermaphroditism 5401
Aquilegia chrysantha
evolution 4256
gene flow 4256
Aquilegia ecalcarata
androecium 5402
development 5402
gynoecium 5402
Aquilegia longissima
evolution 4256
gene flow 4256
Arabidopsis
gene expression
development 9983
light 9983
gynoecium 6646
mutations, development 9983
nomenclature 11188
Arabidopsis suecica
nucleotide sequences
phylogeny 9990
ribosomal DNA 9990
Arabidopsis thaliana
aneuploidy 2093
anthers 7830
Bradysia impatiens 9051
chimaeras 72
chloroplast genetics, photosynthesis 12134
cold 9047
copper 11189
cytokinins 5563
cytoplasmic inheritance, NAD(P)H dehydrogenase 9970
development 72, 9006
DNA 2093
DNA hybridization, cysteine synthase 5540
DNA repair 2092
ecotypes 5563, 9042, 11189
ethyl methanesulfonate 2105, 4420, 4910, 9023, 9040
evolution, actin 7821
flowers 72
fluorescence *in situ* hybridization 7810
gamma radiation 7823
gene expression 57, 104, 1202, 2086-2088, 3188, 3208-3209, 3905, 4419, 6634, 7810, 12125
abscisic acid 1196, 6658, 7837, 9082, 12192
ACC synthase 4390
acetyl-CoA carboxylase 8989, 9669
actin 3197, 5538
S-adenosylmethionine synthetase 6374
aequorin 2103
alcohol dehydrogenase 1196, 2096, 5568-5569
amino acids 64
1-aminocyclopropane-1-carboxylate synthase 42
β-amylase 7832, 12133
anoxia 2103, 5568-5569
anthocyanins 7832
aquaporin 56
ascorbate peroxidase 9048, 12127
aspartate kinase 9015, 9961, 9975
aspartic proteinase 6248
binding proteins 53, 477, 3211, 4399, 7808, 9021
biotin 3196
brassinosteroids 9081
calcium 4421
calmodulin 58
carotenoids 1209
catalase 3195, 11172
cauliflower mosaic caulimovirus 3246
cell culture 3229
cell division 6640
chaperonins 4391
chlorophyll *a*/*b* binding protein 5556, 7808, 9003, 12151
chromosome pairing 4396
cinnamate 4-monooxygenase 8990-8991
circadian rhythm 12151

Arabidopsis thaliana cont.
gene expression *cont.*
cold 4421
cold resistance 3244, 4423, 4425
cryptochrome 2085
cystathionine-β-lyase 9977
cysteine synthase 5540
cytosine DNA-methyltransferase 59
death 12092
determinate and indeterminate habit 4405
development 80, 1201, 1211, 2085, 3213, 3235-3236, 4417, 5559, 7815, 7834-7835, 7838-7839, 9035, 9978-9979, 11173, 12137, 12143
diseases 45, 12092
DNA binding proteins 1215, 3210, 3212, 6635, 6644, 8995, 9000, 9969, 9978, 11195, 12150
DNA helicase 9964
DNA repair 6645
dormancy 12870
drought resistance 4422, 12153
elongation factors 7813
embryology 1214
ethylene 1206
fatty acids 11171, 12779
ferritin 4413
fertility 79
flavonoids 79
flavonol synthase 8994
flowering 82, 1215, 5544, 6656, 7834-7835, 9009, 9035, 9988, 12150
flowers 1194, 3235-3236, 4417, 5543-5544, 6653, 7833, 7838, 12124
fluorescence 9960
Fusarium oxysporum 9049
fusicoccin 12154
G proteins 4415, 6639
galactokinase 9968
GDPmannose 4,6-dehydratase 9972
gibberellins 11178
β-glucanase 12126
β-glucosidase 9045
glutamate dehydrogenase 8993, 11181
glutathione reductase (NAD(P)H) 9048
glutathione synthase 1195
glutathione transferase 4389
growth regulators 6658, 7837, 9082, 12148, 12192
GTP-binding proteins 48
heat shock proteins 3242, 9992
herbicide safeners 11197
hexokinase 6648
histones 12153
homeotic genes 5543
homoserine dehydrogenase 9015
hydrogen peroxide 2104
hydroxymethylglutaryl-CoA reductase 6647
hydroxymethylglutaryl-CoA synthase 43
inflorescences 4405
iron 2102
isocitrate lyase 4046
jasmonic acid 2095
leucoanthocyanidin dioxygenase 8994
light 1201, 3212-3213, 3240, 5557, 9985, 12151
lipid transfer proteins 1214
magnesium chelatase 2078
metallothionein 12122
methyl jasmonate 9051
myosins 53
NADH dehydrogenase (ubiquinone) 1251
naringenin-chalcone synthase 1213, 4406, 5557, 9986
naringenin 3-dioxygenase 2081
nitrate reductase 6649, 9016
nitrates 5565
nitrite reductase 8687
nutrients 2102, 5565
ovules 61
patatin 4910
pathogenesis-related proteins 1221, 5572, 7844, 9993, 11195, 12156

Arabidopsis thaliana cont.
gene expression *cont.*
Peronospora parasitica 3245, 11196
peroxidases 6638
phosphate transporters 4398
phosphatidylcholine desaturase 2080
phospholipase C 9020
phospholipase D 9963
phosphoribosylanthranilate transferase 6632
photolyases 6645
photoperiodism 74
photosynthesis 9040, 12134
phytoalexins 5558
phytochrome 49, 596, 3232, 4406, 9003, 9022, 9025, 9985, 12147
plant embryos 1214, 3288, 4418
plant hairs 1212
pollen 61
polyamines 9030
polyploidy 67
polyubiquitin 11184
potassium 12121
profilin 2079
prohibitin 6640
proline 6658
proline dehydrogenase 62, 4427
protein kinase 50, 7819, 8992, 9031, 11166, 11174, 11334
proteinases 5560, 11184
proteins 1200, 1207, 3203, 5541
protochlorophyllide reductase 76
Pseudomonas syringae 5571, 7844
purines 5547
pyrroline-5-carboxylase reductase 69
pyrroline-5-carboxylate synthetase 4427
pyruvate decarboxylase 5568
ribonucleoproteins 63
ribulose-bisphosphate carboxylase activase 2082
RNA helicase 9538
RNA polymerase 44, 3202, 7816
roots 9010
salinity 12152
seedlings 3213
senescence 3229, 5548
source sink relations 5542
steroid 5α-reductase 9008
stimulation 5549
stress 2104, 9048
succinylhomoserine lyase 4393
sucrose 9040
sulfate adenylyltransferase 6643
superoxide dismutase 9748
thionins 9049
toxic substances 12154
transcription factors 60, 3207, 5883, 9967
transfer RNA 3205
transposable elements 7829
tryptophan 5558
tubulin 53
ubiquitin 53, 6642, 8997
ubiquitin-protein ligase 5539
xyloglucan endotransglycosylase 3201
gene location
catalase 3195
dehydration 9018
naringenin 3-dioxygenase 2081
salinity 84
tobacco ringspot nepovirus 4430
gene mapping 52, 6633, 6636, 7826, 9004, 9966, 11167-11168, 12128
abscisic acid 73, 4424
aspartate kinase 12139
cold resistance 4424
DNA methylation 3233
dormancy 11182
glucosinolates 12141
growth regulators 4424
height 5552
lysine 12139
NAD(P)H dehydrogenase 9970
pathogens 7843
Peronospora parasitica 1222, 11196
phospholipase C 9020
phytochrome 9025
ribosomal RNA 11165
roots 4394
transposable elements 51, 7823

Arabidopsis thaliana cont.
gene mapping *cont.*
turnip crinkle carmovirus 5573
vernalization 71
Xanthomonas campestris 11192
gene tagging 4392
transposable elements 4400
genetic engineering 4419
acetyl-CoA carboxylase 9669
acyl-CoA desaturase 9971
S-adenosylmethionine synthetase 6374
aspartate kinase 9015
chlorsulfuron 7845
death 9965
dehydrins 4426
development 7815
elongation factors 7813
ethylene 1064, 9007
G proteins 6639
geranylgeranyl pyrophosphate synthase 7820
glyoxalase 6627
herbicides 7845
homoserine dehydrogenase 9015
phosphatidylcholine desaturase 2080
photosynthesis 9040
potassium 6628
proline dehydrogenase 4427
recombination 3214
senescence 9007, 9848
sucrose 9040
superoxide dismutase 9748
trehalose 4426
genetic markers, male sterility 12132
genetic transformation 2077, 4395, 4397, 6620, 6634, 6641
acyltransferases 11809
adenosinetriphosphatase 3231
aequorin 2103
Agrobacterium tumefaciens 4388, 7809
anoxia 2103
aspartate kinase 3217
Bacillus thuringiensis 9050
betaine 11190
binding proteins 4399
cauliflower mosaic caulimovirus 3246, 7812
chlorophyll 5546
citrate synthase 1703
cold resistance 3244, 11190
β-conglycinin 12463
cryptochrome 2085
cyclophilin 54
cystatin 12157
cytosol aminopeptidase 54
development 47, 2085, 9039, 11173, 12136-12137
dihydrodipicolinate synthase 3217
DNA methylation 47
fatty acids 9690, 11809, 12779
flowers 1194, 9039
fluorescence 9960
Fusarium oxysporum 9049
β-glucuronidase 12123
Heterodera schachtii 12157
hexokinase 6648
insects 9050
male sterility 1204
Meloidogyne incognita 12157
metallothionein 12122
myo-inositol-3-phosphate synthase 7817
nitrilase 54
patatin 4910
phosphatidylcholine 12-monooxygenase 9690
phosphoribosylanthranilate transferase 6632
photosynthesis 5546
phytochrome 49, 596, 1208, 2100, 9022
pollen 7831
polyploidy 67
Pseudomonas syringae 85
ribosomal DNA 8996
ribulose-bisphosphate carboxylase activase 2082
salinity 11190
size 9981

Arabidopsis thaliana cont.
genetic transformation *cont.*
steroid 5α-reductase 9008
thionins 9049
transcription factors 5883
transposable elements 7829
trypsin inhibitors 9050
ubiquitin 8997
ubiquitin carrier protein 54
ubiquitin-protein ligase 5539
genetics
abscisic acid 73
abscission 12146
Albugo candida 1223
ammonium 9044
cauliflower mosaic caulimovirus 4431
cell division 4401
colour 5555
development 4407, 4412, 12144
reviews 11183
flowering 6652, 9973
flowers 3227, 6650, 10769
glutamate dehydrogenase 3238, 11181
growth regulators 4420
heterosis 65
leaves 10769, 12145
manganese 3241
metals 3241
monosaccharides 12149
nomenclature 12129
nutrients 9044
Peronospora parasitica 1223, 3245
plant embryos 4407, 12131
plant hairs 1212
reviews 11183
pollination 3216
roots 5550-5551, 12144
seeds 5555
senescence 12146
sterility 3216
Xanthomonas campestris 11192
genomes 11167
growth regulators 5563
inbreeding 7826
induced mutations
abscisic acid 2105
cellulose 9023
cold resistance 3243
growth regulators 2105, 4420, 11176
herbicides 2105
norflurazon 2105
patatin 4910
photosynthesis 75
phytochrome 3220
sucrose 9040
transposable elements 7823
waxes 4395
injuries 9051
maternal effects
development 4414
plant embryos 4414
meiosis 7830
microsatellites 11170
mitochondrial genetics 104, 2086, 9002, 9959
chloroplasts 81
heat shock proteins 9992
transposable elements 7828
variegation 81
molecular genetics 3188, 4372, 6629, 6637
abscisic acid 9032
actin 7821
calcium 8963
cell culture 3229
development 3235-3236, 7840
ethylene 9033
reviews 11175
fatty acid desaturases 7818
flowering 1216
flowers 3235-3236
glyceraldehyde-3-phosphate dehydrogenase 8988
growth regulators 9032-9033
height 5552
magnesium chelatase 2078
nutrients 5564
phytochrome 9982
potassium 5564
profilin 2079
protein kinase 6651, 9001, 9033

Arabidopsis thaliana cont.
molecular genetics *cont.*
Pseudomonas syringae 6143
repetitive DNA 5536
senescence 3229
stress 8963
transposable elements 7825
mutagens 2105, 4420, 4910, 9023, 9040
mutations 9006, 11169
abscisic acid 73, 2096, 3242, 5566, 7836-7837, 9014, 9027, 9029, 9082
Agrobacterium tumefaciens 11152
air pollution 83
amino acids 9041
β-amylase 7832, 12133
anthocyanins 7832
ascorbic acid 83
aspartate kinase 12139
auxins 3218, 3234, 4429, 5553, 9026, 11187
azetidine-2-carboxylic acid 3223
brassinosteroids 3228, 9081
cell division 2098, 9005
cells 11191
chlorate 6649
chlorophyll 5546, 9024
chloroplasts 81, 2098, 9011
cold resistance 5567
colour 5555
cytokinins 9019
death 6630, 11191
dehydration 9018
development 68, 77, 1211, 1217, 1219, 3218, 3222, 3230, 4407-4409, 4414, 6631, 7835, 7838, 9011, 9017, 9026, 9034, 9974, 9976, 11179, 12136, 12143
diseases 45
DNA methylation 3233
drought resistance 4428-4429
embryology 1214
endosperm 2094
ethylene 1206, 9033, 9036, 9974
farnesyl-diphosphate farnesyltransferase 41
fatty acids 9047, 11180
flavonols 4404
flowering 1216, 2097, 6656, 7835, 9973, 9987-9988
flowers 1194, 1219, 5561, 6650, 7833, 7838, 12124
fucose 1210
fusicoccin 12154-12155
gibberellins 6655, 9017
glucose-1-phosphate adenylyltransferase 8998
glutamate-ammonia ligase 12135
growth period 4410
growth regulators 2096, 3218, 3225, 3230, 3242, 4428, 5553, 6655, 7836-7837, 9014, 9017, 9019, 9026-9027, 9029, 9033, 9036, 9082, 9974, 11187
habit 4410
heat shock proteins 3242
height 4410, 5552
herbicides 6649
IAA 3225, 3230
inflorescences 6631
ion transport 70
iron 2099
jasmonic acid 2095
leaves 12142
light 3224, 3240, 4411
lipid transfer proteins 1214
lysine 12139
male sterility 4403, 7830
manganese 3241
meiosis 12130
metals 3241
methyl jasmonate 9051
monosaccharides 12149
morphology 68
naringenin-chalcone synthase 79, 4404, 4406, 9986
nitrate reductase 6649, 9016
nitrates 3221, 6657, 9028
nutrients 2099, 3221, 5566, 6657, 9028, 9046
ozone 83

Arabidopsis thaliana cont.
mutations *cont.*
pathogenesis-related proteins 5570, 7844
phosphoglucomutase 5562
phosphoribosylanthranilate transferase 6654
phosphorus 5566
photoperiodism 74, 3237
photorespiration 12135
photosynthesis 66, 1218, 5546, 9013, 9047
phytochrome 2101, 4406, 4409-4411, 9025, 9043, 9976, 9984, 10024
plant embryos 1214, 4407-4408, 4414
plant hairs 7841
pollen 12130
polyamines 9030
proline 3223
protein kinase 9033
protein phosphatase 9027
Pseudomonas syringae 7844, 11193-11194
ribulose-bisphosphate carboxylase activase 9013
roots 5550, 9010, 9980, 11177, 12140
salicylic acid 11135, 11194
salinity 84, 9046, 12152
seedlings 6649
seeds 5555, 5561, 9034
self pollination 4404
sinapic acid 9012
size 11180
sodium 9046
starch 11185
stomata 5562
stress 83
synaptonemal complex 7830
toxic substances 12154-12155
translocation 9028
transposable elements 7824
tropisms 3226, 11177, 11185-11187
tryptophan 3219
tryptophan synthase 4416
variegation 81
vascular system 12142
vernalization 71
xanthophyll 1218
neutron radiation 75
nucleotide sequences 57, 1197, 2089-2090, 3198, 3200, 3206, 3208-3209, 3905, 5535, 7822, 9004, 11168, 12125
acetyl-CoA carboxylase 8989
actin 3197, 5538
adenosinetriphosphatase 12138
alcohol dehydrogenase 55, 1199
amino acids 64
1-aminocyclopropane-1-carboxylate synthase 42
aquaporin 56
ascorbate peroxidase 12127
aspartate aminotransferase 2083
aspartate kinase 9961, 9975
aspartic proteinase 6248
auxins 9962
binding proteins 53, 477, 3211, 4399, 9021
biotin 3196
biotin holocarboxylase synthetase 6675
carotenoids 1209
catalase 3195
cell division 6640
chaperonins 4391
chlorophyll *a/b* binding protein 9003
chorismate mutase 2084
chromosome pairing 4396
cinnamate 4-monooxygenase 8990-8991
cystathionine-β-lyase 9977
death 6630
determinate and indeterminate habit 4405
development 5559, 6631, 9978
diseases 7842
DNA binding proteins 3210, 3212, 6635, 6644, 9000, 9969, 9978, 11195, 12150
DNA helicase 9964
DNA repair 6645

***Arabidopsis thaliana* cont.**
nucleotide sequences *cont.*
ecotypes 3239
elongation factors 7807
evolution 1199
farnesyl-diphosphate farnesyltransferase 41
ferritin 4413
ferulate-5-hydroxylase 46
flavonol synthase 8994
flowering 5544, 9009
flowers 5544
galactokinase 9968
GDPmannose 4,6-dehydratase 9972
geranylgeranyl pyrophosphate synthase 7820
β-glucanase 12126
glucose-1-phosphate adenylyltransferase 8998
β-glucosidase 9045
glutamate dehydrogenase 8993
glutathione synthase 1195, 9037
glutathione transferase 4389
glyoxalase 6627
growth regulators 9962
GTP-binding proteins 48
heat shock proteins 9992
histones 12153
hydrogen peroxide 2104
hydroxymethylglutaryl-CoA synthase 43
inflorescences 4405, 6631
introns 3204
iron 2102
leucoanthocyanidin dioxygenase 8994
light 3212, 5554
mitochondria 4905
myosins 53
NADH dehydrogenase (ubiquinone) 1251
NAD(P)H dehydrogenase 9970
nitrilase 7811
nutrients 2102
pathogenesis-related proteins 5570, 5572, 11195, 12156
pectinesterase 7814
Peronospora parasitica 11196
peroxidases 6638
phosphate transporters 4398
phosphates 9991
phosphatidate cytidylyltransferase 9500
phosphoadenosine-phosphosulfate reductase 3199
phospholipase C 9020
phospholipase D 9963
photolyases 6645
photosynthesis 75
plant embryos 4418
polyubiquitin 11184
potassium 12121
prohibitin 6640
proline dehydrogenase 62, 4427
proline oxidase 2091
protein kinase 78, 7819, 8992, 11166, 11174, 11334
protein phosphatase 9027
proteinases 5560, 11184
proteins 1198, 1200, 1207, 3203, 3215, 5541, 9991
protoplasts 96
ribonucleoproteins 63
ribosomal DNA 8999
RNA helicase 9538
RNA polymerase 44, 1193, 7816
roots 12140
source sink relations 5542
stress 2104
succinylhomoserine lyase 4393
sulfate adenylyltransferase 6643
transcription factors 60, 3207, 9962
transfer RNA 3205
transposable elements 5594, 7827
tubulin 53
ubiquitin 53, 6642
ubiquitin-protein ligase 5539
waxes 1220
xyloglucan endotransglycosylase 3201
nutrients 9045, 11189
phenotypic variation 9038
phosphorus 9045

***Arabidopsis thaliana* cont.**
photosynthesis 9014
plastids 9980
pleiotropy, development 77
pollen 1205, 9006
polymerase chain reaction 8974, 11169
transposable elements 7827
polymorphism
alcohol dehydrogenase 55
isoenzymes 11170
population genetics 11170
restriction fragment length polymorphism 52
glucosinolates 12141
male sterility 12132
mitochondria 5537
roots 4394
turnip crinkle carmovirus 5573
shedding 2737
space flight 9980
tissue culture 9989
ultraviolet radiation 2092
waxes 9042
yeast artificial chromosomes 5545, 6633
roots 4394
zeaxanthin 9014
***Arabidopsis* (×) *Brassica*,** protoplast fusion 1203
Arabinogalactans
Brassica campestris 4042
Brassica napus
rape
gene expression 4027
nucleotide sequences 4027
Lilium longiflorum 4042
Lycopersicon esculentum
gene expression 3858
nucleotide sequences 3858
Arabinoxylans
Hordeum vulgare 9169, 11315
Triticum durum 6740
Arabis gemmifera
nucleotide sequences, alcohol dehydrogenase 55
polymorphism, alcohol dehydrogenase 55
Arachis
chromosome morphology 10807
chromosome number 10807
chromosome pairing 4075
cold resistance 10815
cytology 2770
embryo culture 6271
genetic markers, *Meloidogyne arenaria* 4079
genetic resources 6262
interspecific hybridization 4079, 9689
peanut mottle potyvirus 9689
peanut stripe potyvirus 9689
Puccinia arachidis 4074
restriction fragment length polymorphism, evolution 2770
somatic embryogenesis 11839
***Arachis batizocoi*,** interspecific hybridization 6271
Arachis cardenasii
embryo culture 12767
gene mapping, *Meloidogyne arenaria* 2772
interspecific hybridization 2772, 4074-4075, 6284, 12767
Mycosphaerella berkeleyi 6284
ovule culture 12767
polymerase chain reaction, *Meloidogyne arenaria* 2772
Puccinia arachidis 6284
random amplified polymorphic DNA, *Meloidogyne arenaria* 2772
restriction fragment length polymorphism, *Meloidogyne arenaria* 2772
***Arachis chacoense*,** interspecific hybridization 4074
Arachis duranensis
DNA 2766
evolution 2766
interspecific hybridization 4075, 6271
***Arachis glandulifera*,** interspecific hybridization 6271
Arachis hypogaea
Alternaria alternata 8608
artificial selection, yield components 2764

***Arachis hypogaea* cont.**
Aspergillus flavus 6282
Aspergillus niger 7509
Aspergillus parasiticus, techniques 7511
breeding, conferences 13059
cold resistance 10815
combining ability
nitrogen 6278
nutrients 6278
development 6273
Diabrotica undecimpunctata 7513
diseases 6279, 6281
DNA 2766
dormancy 2767
drought resistance 859, 4077-4078, 6264
embryo culture 12767
embryo sac 9687
ethyl methanesulfonate 6285, 9688
evolution 2766
fatty acids 6273-6274
fruits 8604
gene expression
albumins 9686
phytoalexins 6287
tomato spotted wilt tospovirus 11841
gene mapping, *Meloidogyne arenaria* 2772
genetic transformation 10806, 12766
albumins 9686
Bacillus thuringiensis 8610
Elasmopalpus lignosellus 8610
tomato spotted wilt tospovirus 11841
genetic variation, isoenzymes 6272
genetics
abnormal development 6276
chlorophyll 1824
dormancy 12769
fruits 7508, 8605, 12768
growth period 10810
habit 8605, 12769
seeds 6275-6276
genotype environment interaction 859
yield components 2771
germplasm releases, peanut bud necrosis tospovirus 7512
growth period 10811
Helicoverpa armigera 6289
herbicides 11842
heritability
harvest index 1825
Mycosphaerella berkeleyi 8609
yield components 2768, 4076, 10813
heterosis, seeds 6275
hybridization 1822
induced mutations
fungi 9688
Mycosphaerella berkeleyi 6285
Puccinia arachidis 6285
interspecific hybridization 2772, 4074-4075, 4079, 6271, 6284, 9689, 12767
leaves 9080, 11220
multivariate analysis 10809
yield components 10812
mutagens 6285, 9688
Mycosphaerella berkeleyi 6267, 6280, 6283-6284, 6286, 7510, 11838
mycotoxins 8608
nicosulfuron 11842
nucleotide sequences, allergens 858
ovule culture 12767
peanut bud necrosis tospovirus 860
peanut mottle potyvirus 9689
peanut stripe potyvirus 9689
plant composition 10814, 11220
pollination 1822
polymerase chain reaction, *Meloidogyne arenaria* 2772
protoplast culture 8607
Puccinia arachidis 6267, 6283-6284, 6287-6288, 7510, 12764
quality 2769, 4078, 10814
Ralstonia solanacearum 6280
random amplified polymorphic DNA, *Meloidogyne arenaria* 2772
restriction fragment length polymorphism, *Meloidogyne arenaria* 2772
seed aging 8603
seeds 6273-6274, 7507, 8604
solar radiation 7506
somatic embryogenesis 11839

Arachis hypogaea cont.
sowing date 6281
stability, yields 6277
stomata 10808
storage, seeds 1823, 2121, 11837
temperature 7506
tissue culture 5192, 11840, 12766
translocation 5191
transpiration 7506, 9080
tropisms 7506
variety trials 2765, 6263-6268, 7504, 12764
yield components 7504
yield correlations 4076, 7504, 8606, 11838
varieties
ALR2 11836
Daepungtangkong 1820
Gigas 7505
ICGV88438 7505
ICGV89214 7505
ICGV91098 7505
Kouklia 7505
M522 1821
Nikoklia 7505
Nonghua-22 6270
Shindaekwangtangkong 9685
Shosh 12765
TAG24 8602
Tainung-6 10805
VD-1 6269
Yuhua 7 9684
Arachis monticola, drought resistance 4077
Arachis pietrarellii, genetic variation, isoenzymes 6272
Arachis stenosperma, interspecific hybridization 4074-4075
Arachis sylvestris, taxonomy 1826
Arachis valida, interspecific hybridization 6271
Arachis villosulicarpa, genetic variation, isoenzymes 6272
Aralia cordata, genetic engineering, cinnamyl-alcohol dehydrogenase 5242
Aranda
genomes 6505
polyploidy 6505
Araucaria cunninghamii, nucleotide sequences, taxonomy 5330
Arbutus xalapensis, tissue culture 4226
Arcelin, *Phaseolus acutifolius,* genetic transformation 4852
Archaeology
Cucurbita pepo 9579
Solanum muricatum 6230
Triticum 9141
Archidendron, taxonomy 982
Archidendropsis, taxonomy 982
Areca catechu, artificial selection, seedlings 1761
Arecaceae
chromosome number 1890
genomes 7634
molecular genetics, evolution 8987
nucleotide sequences, evolution 8987
polyploidy 1890
Arenaria montana, varieties, White Pearls 1056
Argania spinosa
chloroplast genetics 5202
gene flow 5202
Arginine
Phaseolus acutifolius 9434
Phaseolus vulgaris 9434
Arginine decarboxylase
Avena sativa
gene expression 6801
genetic engineering 6801
Nicotiana tabacum
gene expression 6801
genetic transformation 6801
Oryza sativa, gene expression 10335
Argyranthemum, tissue culture 6478
Argyranthemum frutescens
isoenzymes 3061
variety classification 3061
varieties
Carmella 3050
Gretel 3051
Polly Anna 1948
Primrose 3052
Argyranthemum frutescens cont.
varieties *cont.*
Rosetta 1949
Sugar and Ice 3053
X93040 3053
Aristavena
chloroplast genetics, taxonomy 9340
chromosome banding 9340
DNA hybridization, taxonomy 9340
polymorphism, isoenzymes 9340
Aristea
evolution 1086
pollen 1086
Aristida gypsophila, taxonomy 12433
Aristida pansa, taxonomy 12433
Armeria maritima
DNA 1954
gene flow 7673
heavy metals 7673
polymorphism, isoenzymes 7673
Armillaria, *Picea abies,* heterozygosity 11969
Armoracia rusticana, cryopreservation 7744
Aroma
Brassica pekinensis 9535
Daucus carota 3809
Lycopersicon esculentum 9565
Oryza sativa 2353, 4728, 12398
gene mapping 3614
genetic markers 3614
genetics 7048, 10329
random amplified polymorphic DNA 342, 3614
restriction fragment length polymorphism 342, 3614
Pelargonium 9808
Zea mays, genetics 10198
Aromatic-L-amino-acid decarboxylase, *Camptotheca acuminata,* gene expression 11061
Aronia arbutifolia
anthocyanins 10668
variety trials 10668
Aronia melanocarpa
anthocyanins 10668
variety trials 10668
Arrhenatherum elatius
genetic variation, isoenzymes 11484
polyploidy 5970
population genetics, polyploidy 11484
stability 5970
Arsenate, *Holcus lanatus* 1439
Artemisia
chromosome morphology 13024
chromosome number 13024
pollen 3114
taxonomy 3114
Artemisia absinthium
essential oils 12047
genetic transformation, *Agrobacterium rhizogenes* 12047
tissue culture 12047
Artemisia annua
genetic transformation 1105, 7711
in vitro selection, artemisinin 4300
tissue culture 4298
Artemisia dracunculus
essential oils 4309
variety trials 4309
Artemisia tridentata
natural selection 8190
wide hybridization 8190
Artemisinin, *Artemisia annua, in vitro* selection 4300
Arthropods
Salix eriocephala, genetics 1887
Salix sericea, genetics 1887
Arthropogon rupestris, taxonomy 4780
Artichoke mottled crinkle tombusvirus, *Nicotiana benthamiana,* genetic transformation 12592
Artificial defoliation (*see* Defoliation)
Artificial seeds
crops 11210
Lilium longiflorum 11210
Malus pumila 9591, 11210
Medicago sativa 11210
Rosa hybrida 11991
Saccharum officinarum 11856
Artificial selection 1152, 3151, 4347, 4351, 5512
Artificial selection *cont.*
Allium fistulosum
leaves 2525
male sterility 2521
Arachis hypogaea, yield components 2764
Areca catechu, seedlings 1761
Asparagus officinalis
quality 6125
yields 4972, 6125
Avena sativa
β-glucan 5600
yield components 1341
Backhousia citriodora, essential oils 7736
Beta vulgaris
sugarbeet
growth period 5226
monogerm seeds 5226
yield components 11863
Bombacopsis quinata 11945
Brassica, Chinese cabbages, cold resistance 2545
Brassica campestris
Leptosphaeria maculans 4052
Peronospora parasitica 4052
Brassica carinata, quality 7480
Brassica juncea
climate 4050
turnip mosaic potyvirus 12738
Brassica napus
rape
cold resistance 7482
glucosinolates 1788
Leptosphaeria maculans 10778
male sterility 12727
self incompatibility 831
Brassica oleracea
broccoli
turnip mosaic potyvirus 10580
Xanthomonas campestris 10580
cabbages 1604
Bromus inermis, digestibility 3669
Cajanus cajan, yield components 7194, 8338
Cannabis sativa
cannabinoids 8751
yield components 2909
Capsicum annuum
fruits 2605
yield components 9574
cereals 11225
height 12072
nutritive value 10031
photosynthesis 12072
Cicer arietinum, yield components 3767
Citrullus lanatus, seeds 2625
Coffea canephora
canopy 11870
vigour 11870
yield components 11870
crops
height 12072
insects 3166
photosynthesis 12072
salinity, reviews 12090
Cucumis sativus
carotenoids 12638
colour 12638
diseases 2636, 2654
fruits 6165
quality 2636
yields 6165
Cyamopsis tetragonoloba, yield components 8362
Dalea leporina, seeds 418
Daucus carota
colour 12557
quality 557
Desmodium heterocarpon
Meloidogyne 11517
persistence 11517
drought resistance 4361-4362
Eleusine coracana, yield components 10282
Eruca vesicaria
oils 7524
quality 7524
Eucalyptus 961
Eucalyptus cloeziana 11924
Eucalyptus globulus 5280

Artificial selection *cont.*
Fagus sylvatica, habit 2939
Festuca arundinacea, alkaloids 5958
Festuca pratensis, Pyrenophora lolii 5960
fodder plants, soil pH 112
forest trees 6363
quantitative traits 955
Fràgaria ananassa 12664
Diplocarpon earlianum 11745
Fraxinus angustifolia, development 2949
Glycine max 9399, 10397
amino acids 9387
cold resistance 4840
Fusarium 4840
oils 9368
Phytophthora sojae 6023
proteins 8282, 9368
soybean mosaic potyvirus 8288
yield components 9398
yields 4813
Gossypium barbadense
quality 8736
yields 8736
Gossypium hirsutum 1867
Anthonomus grandis 2903
Fusarium oxysporum 7606
Verticillium dahliae 7606
yield components 1868
grasses, nutritive value 403
Helianthus annuus
drought resistance 11819
growth period 2752
height 2752
yields 2752
herbage crops, nutritive value 12415
Hordeum vulgare
amylopectin 6792
amylose 6792
β-glucan 5600
Puccinia hordei 5688
starch 6792
Lens culinaris 3764
Leucospermum, pot plants 3034
Lilium maculatum, male sterility 3092
Limonium sinuatum
flowering 6475
growth period 6475
Litchi chinensis, quality 8526
Lolium perenne, leaves 11475
Lotus corniculatus
quality 4802
tannins 4802
Lupinus albus, alkaloids 4800
Lycopersicon esculentum 2562
cucumber mosaic cucumovirus 2590
quality 2588
salinity 3878
tobacco mosaic tobamovirus 2588, 2590
Marrubium vulgare 11057
mathematics 1150
Medicago sativa
seed production 7101
unreduced gametes 5975
Melaleuca alternifolia, essential oils 7735
Musa
growth period 6214
height 5139
Nematoda 12103
Nicotiana tabacum
Peronospora tabacina 6335
potato Y potyvirus 6335
quality 2849
yield components 1847
nutrients 5503
Oryza sativa 4657
light 366
Magnaporthe grisea 4747, 8178
male sterility 4747, 5896
photoperiodism 5896
quality 8178
shade 366
soil pH 112, 384
Xanthomonas oryzae 2363
yield components 5910, 11403
yields 10287
Pennisetum glaucum 4645
cold resistance 11397
germination 11397

Artificial selection *cont.*
Pennisetum glaucum cont.
Puccinia substriata 8124
pests 12103
Phalaris aquatica, soil pH 422
Phalaris arundinacea, soil pH 422
Phaseolus vulgaris
drought resistance 6048
Pseudomonas syringae 12495
Phoenix dactylifera 8532
Phyllanthus emblica, seedlings 4010
physiology 4345
Picea abies, development 1013
Picea sitchensis, development 5319
Pinus contorta
development 1002
statistics 7640
Pinus merkusii 2965
Pinus monticola, Cronartium ribicola 1005
Pinus sylvestris, statistics 7640
Pisum sativum
chlorophyll 3753
photosynthesis 3753
yields 2457
Pleurotus ostreatus, fructification 1128
pollen 1
Populus
height 4172
rotations 4174
Prunus armeniaca
cold resistance 12649
flowers 12649
fruits 12649
Prunus avium, computer programming 11691
Prunus persica, quality 8484, 8492-8493
Pseudotsuga menziesii, vegetative propagation 10979
Rosa hybrida, Sphaerotheca pannosa 1052
Saccharum officinarum 8624, 10824, 12781
diseases 12780
growth period 870, 12784
quality 8620, 8656
statistics 8623
sucrose 12780
Ustilago scitaminea 8668
yields 8655
Salix, coppicing 12881
Serruria, pot plants 3034
Simmondsia chinensis, salinity 5212
Solanum chacoense
tubers 2492
unreduced gametes 2492
yields 2492
Solanum tuberosum 4914, 11591, 12539
Empoasca fabae 8391
Globodera rostochiensis 548
height 3783
potato S carlavirus 552
potato Y potyvirus 548, 553
starch 2023
tubers 2492, 10534
unreduced gametes 2492
yields 2492, 3783
Sorghum bicolor 12337
drought resistance 11383
soil pH 112
yield components 1386
statistics 2033, 4435
Trifolium alexandrinum, leaves 2402
Trifolium incarnatum, chloroplasts 5983
Trifolium pratense
formononetin 11502
mathematics 8232
Trifolium repens 5982
aluminium 3684
dry matter 10382
persistence 10382
roots 1462
triticale
height 5696, 6860
lodging 5696
male sterility 6851
stress 6890
Triticum, drought resistance 4491
Triticum aestivum
aluminium 10074
chlorosis 4508

Artificial selection *cont.*
Triticum aestivum cont.
Cochliobolus sativus 9156
cold resistance 4518
development 5632
Gibberella zeae 5644, 11287
height 9124
proteins 7949, 11264
Puccinia recondita 11298
quality 11264
seeds 7949
stability 7984
toxic substances 10074
Ustilago segetum 7999
yield components 2156, 2184, 3325, 5632, 6694, 7886, 11235
yields 3337, 5602, 7949, 9124
Vicia faba, crop density 6035
Vigna radiata, yield components 2478
Vitis vinifera 3975, 12667
clonal variation 8509
Zea mays 1349, 2241, 3424, 9202, 10225, 11161, 11331
abscisic acid 2265, 5748, 10209
colour 11347
development 5786, 10197, 11347
diseases 5833
drought resistance 4612, 10253-10254
Gibberella fujikuroi 3441, 3522
growth period 4612
growth regulators 5748, 10209
Helicoverpa zea 3531
leaves 11347
lodging 1350, 5786, 6931
maize chlorotic mottle machlomovirus 3527
oils 8096
prolificacy 3470-3471, 5759
quantitative traits 5700
ribulose-bisphosphate carboxylase 10197
roots 6931
soil pH 112, 302, 3512
soil water 3517
temperature 9251
waterlogging 3517
yield components 1350, 3433, 3442-3443, 3501, 8071, 10256, 11328, 11354
yields 3428, 3440-3441, 3444
Artocarpus heterophyllus
fruits 1757
quality 1757
varieties, PPI1 10751
Arundinella, taxonomy 4781
Ascia monuste, *Brassica oleracea,* kale 3840
Ascochyta *(see also Didymella; Mycosphaerella; Phoma)*
Hordeum vulgare 5682
Ascochyta fabae, *Lens culinaris* 10478
Ascochyta rabiei, *Cicer arietinum* 508, 4879, 6071, 8334, 9460
Ascorbate oxidase
Cucurbita
gene expression 11658
nucleotide sequences 11658
Ascorbate peroxidase
Arabidopsis thaliana
gene expression 9048, 12127
nucleotide sequences 12127
Nicotiana tabacum
gene expression 6332
genetic transformation 10864
Zea mays 11363
Ascorbic acid
Arabidopsis thaliana, mutations 83
Capsicum annuum 7329
genetics 3895
Glycine max 7152
Ribes nigrum 758
Ribes rubrum 758
Asimina triloba
isoenzymes 12708
variety classification 12708
Asparagus densiflorus
incompatibility 1641
interspecific hybridization 1641
tissue culture 6521
Asparagus hajrae, taxonomy 9869

Asparagus officinalis
anther culture 2555-2556, 3850-3851, 4987, 4993, 4996
artificial selection
quality 6125
yields 4972, 6125
breeding, history 4973
chromosome morphology 8428
Fusarium 4996
gene banks 4974
gene expression 1640
histones 3849
sugars 3849
gene mapping 587, 7306
genetic markers
isoenzymes 2555
seeds 6126
sex 10589
genetic transformation 4985, 11636
glufosinate 7305
herbicides 7305
phosphinothricin acetyltransferase 7305
haploidy 4987
heat resistance 4995
hybrid varieties 7303-7304, 9543, 10588
incompatibility 1641
interspecific hybridization 1641
nucleotide sequences 1640
histones 3849
sugars 3849
polymorphism, isoenzymes 4989, 7306
protoplasts 4992, 4994
random amplified polymorphic DNA 4986, 7306
sex 10589
restriction fragment length polymorphism 587, 4986, 7306
rooting capacity 1642
sex 4988, 7304
somaclonal variation 588
somatic embryogenesis 11637
Stemphylium vesicarium 4997
storage, pollen 3848
tissue culture 1642, 3852, 4990-4992, 4994, 6127-6128
variety trials 2554, 4975-4982, 6125, 7304, 8427, 9543, 10587-10588
varieties
Apollo 4983
Atlas 4983
Grande 4983
Purple Passion 4983
Tainan-1 4984
Tainan-2 4984
Tainan-3 4984
Asparagus verticillatus, tissue culture 4297
Aspartate aminotransferase
Arabidopsis thaliana, nucleotide sequences 2083
Leymus × *Triticum*
chromosome addition 9114
gene location 9114
Aspartate-ammonia ligase
Glycine max
gene expression 6008
nucleotide sequences 6008
Aspartate kinase
Arabidopsis thaliana
gene expression 9015, 9961, 9975
gene mapping 12139
genetic engineering 9015
genetic transformation 3217
mutations 12139
nucleotide sequences 9961, 9975
Hordeum vulgare, genetic transformation 3371
Nicotiana tabacum, genetic transformation 9015
Zea mays, mutations 5817
Aspartic proteinase
Arabidopsis thaliana
gene expression 6248
nucleotide sequences 6248
Brassica napus
rape
gene expression 6248
nucleotide sequences 6248
Oryza sativa, nucleotide sequences 1399
Aspartic proteinases
Glycine max
gene expression 12464
molecular genetics 12464
Aspergillus flavus
Arachis hypogaea 6282
Zea mays 11365
combining ability 10259
reciprocal effects 10259
Aspergillus niger
Arachis hypogaea 7509
Hordeum vulgare 9174
Aspergillus parasiticus, *Arachis hypogaea,* techniques 7511
Asphodelus
pollen 1088
taxonomy 1088
Asphondylia, *Solanum macrocarpon* 2596
Aster, taxonomy 3065
Aster kantoensis, genetics, isoenzymes 3058
Aster novi-belgii
flowering 7679
yield correlations 7679
Asteriscus maritimus
varieties
Double Gold Coin 12973
Typ Gefullt 12973
Astracantha, taxonomy 12452
Astragalus
nucleotide sequences, evolution 4811
taxonomy 2415, 10396, 11514-11515, 12452
Astragalus adsurgens, polyploidy 2412
Astragalus capitatus, nomenclature 5996
Astragalus cremnophylax, amplified fragment length polymorphism, genetic variation 7116
Astragalus echinatus, nomenclature 5996
Astragalus maniaticus, taxonomy 11516
Astragalus sinicus, genetic resources 4322
Astrocaryum faranae, taxonomy 5308
Astrophytum asterias, breeding, history 5439
Astrophytum myriostigma, breeding, history 5439
Asymmetry
evolution
flowers 10010
leaves 10010
Atherigona
Pennisetum glaucum 4653
Zea mays 2286
Atherigona pulla, *Panicum sumatrense* 12342
Atherigona soccata
Sorghum bicolor 2302
combining ability 10279
Athyrium filix-femina
heterosis 11051
inbreeding depression 11051
Atmospheric pollution (*see* Air pollution)
ATP, *Gossypium hirsutum,* heterosis 12833
ATP citrate lyase, *Pisum sativum,* genetic transformation 11563
ATP:fructose-6-phosphotransferase
Lycopersicon esculentum
gene expression 11640
nucleotide sequences 11640
Atrachya menetriesii, *Glycine max* 10443
Atractylodes
essential oils 2002
restriction fragment length polymorphism, taxonomy 2002
Atractylodes chinensis, essential oils 4315
Atractylodes koreana, essential oils 4315
Atractylodes lancea, essential oils 4315
Atrazine
Brassica campestris, turnip rape 828
Brassica napus
rape 828
backcrossing 11791
Glycine max
genetic transformation 10444
in vitro selection 9422
molecular genetics 9422
mutations 9422
Triticum aestivum
in vitro selection 10098
somaclonal variation 10098
Zea mays 10170
Atriplex billardierei, chromosome number 8191
Atriplex canescens
gene expression, stress 12416
molecular genetics
air pollution 9322
ozone 9322
stress 12416
sex 11457
vegetative propagation 11457
Atriplex glauca
anther culture 400
haploidy 400
Atriplex nummularia, genetic engineering, osmotin 2835
Atropa* (×) *Nicotiana
amiprofos-methyl 4118
protoplast fusion 4118
toxic substances 4118
tubulin 4118
Atylosa* × *Cajanus
intergeneric hybridization 8340
yield correlations 8340
Aulacorthum solani, *Solanum tuberosum,* genetic transformation 5429
Austromyrtus inophloia, varieties, Aurora 5333
Autopolyploidy (*see* Polyploidy)
Auxin binding proteins
Nicotiana tabacum
gene expression 7572
nucleotide sequences 7572
Auxins
Arabidopsis thaliana
mutations 3218, 3234, 4429, 5553, 9026, 11187
nucleotide sequences 9962
Beta vulgaris, beetroots, genetic transformation 8406
Capsicum annuum
gene expression 3892
nucleotide sequences 3892
gene expression 1170, 2054, 12189
Glycine max, gene expression 12459
Lycopersicon esculentum, gene expression 12605
Nicotiana tabacum
gene expression 4120, 7557
genetic transformation 1856, 10858
Trifolium repens, genetic transformation 432
Avena
anther culture 11322
genetic markers 1260
in situ hybridization 1338
molecular genetics, genomes 4573
nutrients 9178
polymorphism, isoenzymes 1260
quality 9178
temperature 1340
Avena byzantina
genetics, *Puccinia coronata* 4578
interspecific hybridization 4578
Avena fatua
Erysiphe graminis 10129
gene expression
dormancy 3394, 4574
seeds 4574
Avena hirtula
chromosome substitution, *Erysiphe graminis* 225
interspecific hybridization 225
Avena nuda
barley yellow dwarf luteovirus 3397
somaclonal variation, yield components 4575
Avena sativa
aneuploidy 10125
anther culture 11322
artificial selection
β-glucan 5600
yield components 1341
barley yellow dwarf luteovirus 3397
breeding 4570, 5691, 9176
chromosome substitution, *Erysiphe graminis* 225
diclofop 6802
DNA methylation 1339
Erysiphe graminis 10129
forage 2231-2232, 2236, 12299
gamma radiation 1263
gene expression
arginine decarboxylase 6801

***Avena sativa** cont.*
gene expression *cont.*
pathogenesis-related proteins 1342
protein kinase 9177
Puccinia graminis 1342
gene mapping 10125
Puccinia graminis 1343
genetic engineering, arginine decarboxylase 6801
genetic markers, *Puccinia graminis* 1343
genetic transformation, α-amylase 11305
genetics
Cochliobolus victoriae 12098
flowering 3395
height 3396
naked grain 224
Puccinia coronata 4577-4578, 7882
toxins 12098
genotype environment interaction
forage 8054
yield components 2236, 10126
β-glucan 12209
herbicides 6802
heritability
β-glucan 2233
Puccinia coronata 2233
quality 2233
yield components 12299
interspecific hybridization 225, 4578, 12299
isoenzymes 8050
linkage 10125
multivariate analysis 8052
mutations, size 1339
naked grain 4576
nitrogen 10128
nucleotide sequences, protein kinase 9177
nutrients 9178, 10128
oils 9179
phenolic compounds 2234
phosphorus 10128
plant composition 4576
polymerase chain reaction, ribosomal DNA 4572
proteins 9179
Puccinia coronata 12297
quality 2235, 4576, 9178, 12209
somatic embryogenesis 8053
stress 1263
tissue culture 10127
variety classification 8051
variety trials 6673, 8048, 10017, 10124
yield correlations 1341, 2231
varieties
Barcoo 4571
Coomallo 12296
Dumont-68 12297
Kupa 2230
Malgwiri 1337
Moola 12297
Olgwiri 1336
Pallinup 8049
Toodyay 12298
Virma 6680
WAOAT347 12298
WAOAT373 12296
Avena sterilis
forage 12299
genetics, *Puccinia coronata* 8055
heritability, yield components 12299
interspecific hybridization 12299
Avena* × *Elymus* × *Secale* × *Triticum
in situ hybridization, fungi 6690
intergeneric hybridization 6690
Avena* × *Zea
chromosome addition 9189
gene mapping 9189
intergeneric hybridization 9189
Avenella
chloroplast genetics, taxonomy 9340
chromosome banding 9340
DNA hybridization, taxonomy 9340
polymorphism, isoenzymes 9340
***Avenula**, taxonomy 5966*
Avidin, *Zea mays*, genetic transformation 12310
Awns
Aegilops aucheri, genetics 188
Aegilops speltoides, genetics 188
Oryza sativa, genetics 4710
Awns *cont.*
triticale 6869
Triticum aestivum, homozygosity 139
Azadirachta indica
azadirachtin 12040
flowering 3122
seasonal growth 12040
seed production 12040
Azadirachtin, *Azadirachta indica* 12040
Azetidine-2-carboxylic acid, *Arabidopsis thaliana*, mutations 3223
Azolla
ammonium 1133
genetics, chlorophyll 5482
***Azospirillum**, Zea mays* 11359
B chromosomes (*see* Accessory chromosomes)
***Babiana**, tissue culture 8874*
Bacillus thuringiensis
Arabidopsis thaliana, genetic transformation 9050
Arachis hypogaea, genetic transformation 8610
Cicer arietinum, genetic transformation 8336
crops, genetic transformation 6608, 6618
genetic engineering 8969
genetic transformation 7794, 8969
Gossypium hirsutum
genetic engineering 12838
genetic transformation 1871, 8742
Medicago sativa, genetic engineering 5596
Nicotiana tabacum, genetic engineering 5596, 12828
Oryza sativa
genetic engineering 10342
genetic transformation 8182
Populus nigra, genetic transformation 969
Saccharum officinarum, genetic transformation 12790
Solanum melongena, genetic transformation 10611, 12616
Zea mays
genetic transformation 9257, 11369
Ostrinia nubilalis 24
pesticides 24
Backcrossing
Brassica campestris, turnip rape 4035
Brassica napus
rape 4035
atrazine 11791
herbicides 11791
Leptosphaeria maculans 1790
Elymus × *Triticum* 125
Gelidium vagum, male sterility 8935
Gossypium barbadense, anthocyanins 8727
Gossypium hirsutum, anthocyanins 8727
Hordeum vulgare, cytoplasmic male sterility 5668
Lycopersicon esculentum, tomato mosaic tobamovirus 620
mathematics 5504
Phalaris aquatica, soil pH 422
Phalaris arundinacea, soil pH 422
Solanum
Meloidogyne chitwoodi 12556
Meloidogyne fallax 12556
Solanum tuberosum
Meloidogyne chitwoodi 12556
Meloidogyne fallax 12556
Sorghum bicolor, Schizaphis graminum 322
triticale, male sterility 11324
triticale × *Triticum*, yield components 12303
Triticum aestivum
glutenins 5641
quality 5641, 12263
yield components 6724
Triticum boeoticum
glutenins 5641
quality 5641
Vicia faba 4848
Zea mays 3425
Zinnia angustifolia 3067
Zinnia marylandica 3067
Zinnia violacea 3067
Backcrossing *cont.*
Ziziphus mauritiana, Carpomyia vesuviana 10756
Backhousia citriodora
artificial selection, essential oils 7736
genetic resources 7736
Bacteria
crops
genetic transformation, reviews 3163
genetics 7785
genetics, reviews 11138
molecular genetics, reviews 11138
Bactris gasipaes
fatty acids 4013
fruits 4013
heterozygosity, isoenzymes 10753
pollination 8541
Bactrocera cucurbitae
Momordica charantia 10633
epistasis 1714
genetics 1714
Bamboos
breeding 11087
chloroplast genetics 7743
energy resources 11087
genetic resources 11087
taxonomy 11088
Bambusa arundinacea
flowering 13050
tissue culture 13050
***Bambusa membranacea**, taxonomy 11091*
Banana bunchy top nanavirus, *Musa* 2711
Banksia
breeding 3003, 3008
flowering 3008
in vitro selection
Phytophthora cinnamomi 3038
Phytophthora citricola 3038
reproduction 3008
sexual reproduction 3026
taxonomy 983, 5306, 5359
***Banksia coccinia**, random amplified polymorphic DNA, taxonomy 12925*
Banksia ericifolia
outcrossing 4224
self incompatibility 4224
***Banksia hookeriana**, interspecific hybridization 4223*
***Banksia prionotes**, interspecific hybridization 4223*
Banksia spinulosa
outcrossing 4224
self incompatibility 4224
Barbados, West Indies Central Sugar Cane Breeding Station, reports 12057
Barley mild mosaic bymovirus
Hordeum vulgare 2228
gene mapping 223
random amplified polymorphic DNA 223
Barley yellow dwarf luteovirus
Avena nuda 3397
Avena sativa 3397
Elymus × *Triticum*
DNA hybridization 3364
gene location 3364
Lolium perenne 409
triticale 6896
Triticum aestivum 2201
Barley yellow mosaic bymovirus
Hordeum bulbosum 4566
Hordeum spontaneum, random amplified polymorphic DNA 6800
Hordeum vulgare 2228-2229, 3392, 4566
gene mapping 223
genetic markers 5689
genetics 4567, 5689
linkage 10121
random amplified polymorphic DNA 223, 6800
***Basilepta waterhousie**, Populus 4177*
***Batocera rufomaculata**, Morus 3990*
***Bauhinia clemensiorum**, taxonomy 7616*
***Bauhinia lakhonensis**, taxonomy 7616*
***Bauhinia vahlii**, tissue culture 7615*
***Bauhinia wallichii**, taxonomy 7616*
Bean common mosaic potyvirus
Phaseolus vulgaris 2455, 3742
genetic markers 6051
genetics 488, 8314
linkage 4865

Bean common mosaic potyvirus *cont.*
Phaseolus vulgaris cont.
polymerase chain reaction 4865
random amplified polymorphic DNA 6051
Bean golden mosaic bigeminivirus
Phaseolus vulgaris 4866
random amplified polymorphic DNA 2451, 3741
Bean golden mosaic geminivirus
Phaseolus vulgaris
genetics 9436
heritability 9436
Bean yellow mosaic potyvirus, *Gladiolus,* genetic transformation 12015
Beet curly top geminivirus, *Nicotiana benthamiana,* genetic transformation 10866
Beet curly top hybrigeminivirus, *Nicotiana benthamiana,* genetic transformation 9758
Beet necrotic yellow vein furovirus
Beta vulgaris
gene mapping 5231
random amplified polymorphic DNA 5231
sugarbeet 2816-2817, 2819, 4102-4103, 12793
genetics 2820
random amplified polymorphic DNA 5230, 9707
Nicotiana benthamiana, genetic transformation 4132, 9754
Nicotiana tabacum, genetic transformation 9754
Begonia
random amplified polymorphic DNA 6495
somaclonal variation 6495
Begonia cheimantha, quality 1085
Begonia gracilis, tissue culture 7693
Begonia hiemalis, genetic transformation, ACC oxidase 1082
Bemisia argentifolii
Cucumis melo 5064
Cucurbita 2634
Cucurbita pepo 2634
Glycine max 475, 10441
Gossypium hirsutum 6351
Bemisia tabaci
Gossypium hirsutum 2902
Lycopersicon esculentum 8446
Manihot esculenta, genetics 4934
Vigna aconitifolia 7208
Benincasa hispida
germplasm releases, sex 7344
random amplified polymorphic DNA
variety classification 9585
waxes 9585
varieties, Qingza-1 5073
Bentazone, *Zea mays* 10185
Benzamide, *Hordeum vulgare* 2212
Benzyladenine
Cucumis melo 2617
Glycine max 7144
Hosta 11054
Musa 8518
Vitis vinifera 7398
Berberine bridge enzyme
Papaver somniferum
gene expression 9873
nucleotide sequences 9873
Berberis orthobotrys, taxonomy 7665
Berberis trifoliata, tissue culture 4225
Bertholletia excelsa
gene expression, albumins 6240
genetic engineering, albumins 816, 6240, 9686, 12409
Beta
Cercospora beticola 11867
chromosome translocation, *Heterodera schachtii* 1838
genetic resources 7542, 11867
genetics, *Heterodera schachtii* 1838-1839
mitochondrial genetics, cytoplasmic male sterility 5222
random amplified polymorphic DNA
phylogeny 2813
taxonomy 892
variety classification 2813
Beta maritima
gene expression 5221
gene flow 8674, 9702
genetic transformation 5221
heritability, flowering 10837
interspecific hybridization 1841, 2820, 5231, 9702
polymorphism, isoenzymes 8674
restriction fragment length polymorphism 8674
Beta patellaris
chromosome addition 8671
DNA fingerprinting 8671
Beta procumbens
chromosome addition 8671
DNA fingerprinting 8671
Beta radiation, *Hordeum vulgare* 202
Beta vulgaris
gene mapping, beet necrotic yellow vein furovirus 5231
genetic engineering
glyphosate 1841
herbicides 1841
interspecific hybridization 1841, 5231
nucleotide sequences, transposable elements 5594
random amplified polymorphic DNA, beet necrotic yellow vein furovirus 5231
beetroots
folic acid 3827
genetic transformation, auxins 8406
genetics
gibberellins 10567
growth regulators 10567
height 10567
germplasm releases 3826
mutations
gibberellins 10567
growth regulators 10567
height 10567
ovule culture 8407
tissue culture 11622
fodder beet
breeding 5217
genetics, monogerm seeds 2516
globulins 2517
mechanical harvesting 2515
monogerm seeds 2517
multiple alleles, monogerm seeds 2516
nucleotide sequences, ribosome-inactivating proteins 8408
variety classification 2517
variety trials 6674, 12793
varieties 6674, 10018
Kievskaya 2515
Raudoniai 2514
Timiryazevka-87 2514
Umanskiĭ Polusakharnyĭ 2514
sugarbeet
Aphis fabae 10840
artificial selection
growth period 5226
monogerm seeds 5226
yield components 11863
beet necrotic yellow vein furovirus 2816-2817, 2819, 4102-4103, 12793
betaine 9706
biosafety 9705
breeding 2803, 2805-2806, 2808, 4095, 5217, 6303
history 2804
carotenoids 6304
Cercospora beticola 2816-2817, 4101
chlorophyll 6304
chromosome addition 8671
combining ability, alcohol dehydrogenase 11865
cryopreservation 10838
cytoplasmic male sterility 7543
DNA fingerprinting 8671
experimental design 2807
fungi 4102
gene expression 5221
adenosinetriphosphatase 4100
alcohol dehydrogenase 5194
binding proteins 8679
Cercospora beticola 8679
citrate synthase 6677
Beta vulgaris *cont.*
sugarbeet *cont.*
gene expression *cont.*
Heterodera schachtii 6305
ribulose-bisphosphate carboxylase 12795
salinity 4100
gene flow 9702, 9705
gene mapping 887-888
bolting 8675
computer programming 8673
ribosomal DNA 8672
genetic engineering
enzymes 4098
herbicides 1842, 2821
starch 4098
genetic transformation 886, 889-890, 5221
alcohol dehydrogenase 5194
glyphosate 8681
Heterodera schachtii 6305
genetics
alcohol dehydrogenase 11864
annual habit 8676
beet necrotic yellow vein furovirus 2820
bolting 8675-8676
incompatibility 11864
monogerm seeds 5225
genotype environment interaction 2815, 10839
mathematics 11866
growth period 5224
growth regulators 9706
haploidy 4096-4097
Heterodera schachtii 1840
hybrid seed production 7543
hybrid varieties 2805, 6303, 7544, 8677
interspecific hybridization 2820, 9702
irrigation 5229
linkage, computer programming 8673
male sterility 7544, 8677
Meloidogyne incognita 6306
microsatellites 2812
mitochondrial genetics, cytoplasmic male sterility 5223
modifiers, monogerm seeds 5225
monogerm seeds 5224, 7543, 8677
nitrogen 1837
nucleotide sequences
adenosinetriphosphatase 4100
binding proteins 8679
Cercospora beticola 8679
citrate synthase 6677
cytoplasmic male sterility 5223
salinity 4100
nutrients 1837
ovule culture 4096-4097
Pegomya betae 10841
polyploidy, yield components 12796
protoplast culture 4099, 5227
protoplast fusion 5228
protoplasts 5228, 8678
quality 2814
random amplified polymorphic DNA
beet necrotic yellow vein furovirus 5230, 9707
cytoplasmic male sterility 5223
Heterodera schachtii 8680
phylogeny 2813
variety classification 2813
restriction fragment length polymorphism 887
Rhizoctonia solani 2818
seed testing 7545
seedlings 5224
sugars 7547
tissue culture 891, 6304, 7546
variety classification 2806, 2817
variety trials 2804, 2806, 2809-2811, 2814, 6674, 7544, 9703-9704, 10018, 10836, 12791-12793
varieties 2805, 5220, 6674, 7543, 10018, 12794
Humming 5218
Stork 5219
Betaine
Arabidopsis thaliana, genetic transformation 11190
Beta vulgaris, sugarbeet 9706

Betaine *cont.*
Saccharum officinarum 8652
Solanum tuberosum 4919
Betaine-aldehyde dehydrogenase
Oryza sativa, nucleotide sequences 9281
Sorghum bicolor
gene expression 3535
nucleotide sequences 3535
Betula, Lepus timidus 2929
Betula alba, nomenclature 4162
Betula papyrifera
climate 2928
temperature 2928
Betula pendula
air pollution 12856-12857
Alces alces 10897
amplified fragment length polymorphism 10896
chilling requirement 2927
clonal variation, wood properties 9782
development 960
dormancy 2927
Melampsoridium betulinum 5279
ozone 12856-12857
palatability 10897
pollen competition 4161
wood properties 6365
Betula platyphylla
genetic transformation 11922
protoplast culture 6364
Betula pubescens
air pollution 12856
ozone 12856
Bhendi yellow vein mosaic bigeminivirus, *Abelmoschus esculentus* 2662
Bibliographies
genetic resources 12077
genetic transformation 11163
Bidens feruifolia, varieties, Innbid 12974
Bidens tripartita
genetic resources 10822
quality 10822
seeds 10822
Bifenox, *Helianthus annuus* 845
Bignoniaceae, chromosome number 7858
Bilanafos
Agrostis stolonifera, genetic transformation 11993
Hordeum vulgare, genetic transformation 4381
Saccharum, genetic transformation 2800
Saccharum officinarum, genetic transformation 11849
Binding proteins
Arabidopsis thaliana
gene expression 53, 477, 3211, 4399, 7808, 9021
genetic transformation 4399
nucleotide sequences 53, 477, 3211, 4399, 9021
Beta vulgaris
sugarbeet
gene expression 8679
nucleotide sequences 8679
Brassica napus
rape
gene expression 4030
nucleotide sequences 1764, 4030
Glycine max
gene expression 7136
genetic engineering 7136
Lotus japonicus
gene expression 5993
nucleotide sequences 5993
Lycopersicon esculentum
gene expression 3865
nucleotide sequences 3865
Nicotiana tabacum
gene expression 3454
genetic transformation 3454, 4121, 7136
Vicia faba
gene expression 477
nucleotide sequences 477
Biolistics
Glycine max, genetic transformation 6624
Nicotiana tabacum, genetic transformation 6624
Biomass
Helianthus annuus 1809
Populus 958
Biomass *cont.*
Salix 958
Salix dasyclados, statistics 2947
Salix viminalis, statistics 2947
Biosafety 4384, 5524, 12112
Beta vulgaris, sugarbeet 9705
books 9921
Brassica campestris 12722
Brassica napus 12722
rape 9657
genetic transformation 39
crops 1182
genetic engineering 8977
genetic transformation 39, 9956
genetic engineering 5525, 7779, 9954, 12106, 12120
reviews 9950
genetic transformation 3182, 8982, 12114
Gossypium hirsutum 6354
Lycopersicon esculentum 9548
genetic engineering 3884
reviews 7798
Zea mays 5711
Biotechnology 3171
algae, polysaccharides 5480
books 8953, 12068
crops, conferences 5492
Dendranthema 12979
diseases 2040
fodder legumes 2373
books 3149
reviews 3647
fodder plants 9321
forest trees 11918, 12850
genetic resources 5507
Helianthus annuus 4058
reviews 5184
horticultural crops, reviews 5505
Medicago sativa, reviews 7096
pathogens 12096
pests 2040
pome fruits 9588
reviews 11145
Saccharum officinarum 10827
stone fruits 9588
Theobroma cacao 10846
Zea mays 3453
Biotin
Arabidopsis thaliana
gene expression 3196
nucleotide sequences 3196
Biotin carboxyl carrier protein
Brassica napus
rape
gene expression 7434
nucleotide sequences 7434
Biotin carboxylase, *Nicotiana tabacum*, genetic transformation 12817
Biotin holocarboxylase synthetase
Arabidopsis thaliana, nucleotide sequences 6675
Pisum sativum, nucleotide sequences 6675
Bipolaris *(see Cochliobolus)*
Bipolaris sorghicola, *Sorghum bicolor* 11386
Biserrula pelecinus, multivariate analysis, morphology 10392
Bixa orellana, tissue culture 5474
Blackeye cowpea mosaic potyvirus, *Vigna unguiculata* 1546, 4888
Blandfordia
chemotaxonomy 9855
genetic variation, isoenzymes 9855
Bletia antillana, taxonomy 13018
Blissus leucopterus, Zea mays 3529
Blumeriella jaapii, Prunus cerasus 2679, 11735
Boehmeria
apomixis 6357
polyploidy 6357
Boehmeria nivea
genetic resources 12843
photoperiodism 12844
protoplast culture 1876
quality 12843
sex 12844
somaclonal variation 6358
temperature 12844
waterlogging 6359
Bolting
Beta vulgaris
sugarbeet
gene mapping 8675
genetics 8675-8676
Brassica oleracea, kale 8425
Bombacopsis quinata, artificial selection 11945
Bombyx mori, Morus 784, 9620
Bonia, taxonomy 2003
Books
Agri-food quality 3294, 3339, 3342, 3380, 3688, 3695, 3752, 3756-3758, 3760-3761, 3798, 3817, 3884, 3895, 3918, 3933, 4098, 4333
apomixis 11112
biosafety 9921
biotechnology 8953, 12068
Biotechnology and plant genetic resources 11121-11124, 11146-11149, 11208, 11402, 12068
Biotechnology and the improvement of forage legumes 2372-2373, 3149, 3644, 3647-3652, 3674, 3676, 3681, 3685
Biotechnology for improved foods and flavors 11604, 11643, 11774, 12069
Biotechnology of ornamental plants 2038, 2053, 2073-2074, 2118, 2946, 2991-3002, 3028, 3148
breeding 1149, 4340
centres of diversity 11111
cereals
genetic resources 12067
haploidy 9919
in vitro culture 9919
chromosomes 5494
Citrus
breeding 7756
taxonomy 7756
Coriandrum sativum, genetic resources 3144
crops
breeding 5498
centres of diversity 5500
genetic resources 13062-13063
genetic transformation, viruses 1146
genomes 11120
haploidy 4339, 9920
in vitro culture 4339, 5498, 9920
molecular genetics 11120
variety classification 9918
Cucurbitaceae
breeding 4337
genetics 4337
cytogenetics 4334
development 3146
DNA fingerprinting 13061
embryology 3146
Encyclopedia of molecular biology and molecular medicine 12108-12111, 13060
evolution 1142
Fabaceae
checklists 4338
chemotaxonomy 1148
fatty oil plants
breeding 11115
genetics 11115
fodder legumes, biotechnology 3149
forest trees, *in vitro* culture 5502
fruit crops, breeding 4341-4342
gene expression 2020, 4344, 5495
diseases 5497
genetic engineering 9921
genetic resources 5499, 7758, 12066, 12068
genetic transformation 4344, 9915
techniques 12070
genetics 11110, 12063
diseases 5497
pathogens 7791, 8955
genotype environment interaction 1149
Gladiolus, taxonomy 6563
grain legumes
breeding 11115
genetics 11115
grasses, taxonomy 1147
in vitro culture 11117
In vitro haploid production in higher plants 3289, 3675, 3712, 3791,

Books *cont.*
In vitro haploid production in higher plants *cont.*
3831, 3853, 3887, 3894, 3906, 3928, 3971, 3981, 4040-4041, 4090, 4097, 4107, 4159, 4211, 4321
Jatropha curcas
breeding 3143
genetic resources 3143
Malus pumila
breeding, history 6564
varieties 6564
Mangifera indica
breeding 9916
genetics 9916
medicinal plants, genetic resources 11114
molecular genetics 5501, 8954, 12071, 13060
photosynthesis 2021
techniques 9914, 11116
multipurpose trees, genetic resources 1144
nomenclature 11119
nucleotide sequences, computer programming 5493
nut crops
breeding 4343
in vitro culture 5502
ornamental plants
breeding 1143, 3145
genetic engineering 3145
molecular genetics 3148
tissue culture 3148
Pachyrhizus
breeding 1145
genetic resources 1145
Pelargonium, taxonomy 12065
Plant adaptation and crop improvement 6, 8-11, 13-14, 16, 114-115, 159-162, 214, 217, 277, 303, 320, 329, 368, 377, 385, 854, 859, 1149
Plant genetic conservation: the *in situ* approach 6578-6583, 6589-6591, 6664, 7758, 7761-7768, 7777, 7885, 8128, 8365, 8777
pollination 12064
Research input to the agro-industrial complex 5592, 5615, 5634, 6163, 6565
Rhododendron, taxonomy 4336
self compatibility 11112
sexual reproduction 11112
Signal transduction in plants 9036, 9082-9083, 9922
taxonomy 11118
The gene-for-gene relationship in plant-parasite interactions 7780-7789, 7791-7793, 7795, 7843, 7880-7882, 8043, 8102, 8955
tissue culture 9913
Transgenic organisms and biosafety 8981-8982, 9352, 9548, 9657, 9705, 9719-9721, 9754, 9788, 9847
Trifolium pratense
breeding 5496
genetics 5496
triticale, breeding 7757
Triticale: today and tomorrow 6683-6685, 6687, 6689, 6691, 6756, 6805-6829, 6832-6838, 6840, 6843-6853, 6856-6870, 6873-6900, 7757
Unifying plant genomes 9924, 9957-9958, 9966, 10027-10029, 10264, 10271, 10297, 10606, 10966, 11120
variety trials, statistics 3147
Vitis, varieties 4335
Vitis vinifera, *in vitro* culture 775
Zea mays, mutations 11113
Borago officinalis
colour 5457
gene expression, linoleoyl-CoA desaturase 9876
genetic engineering, linoleoyl-CoA desaturase 9876
linolenic acid 5457
Borassus flabellifer, parthenocarpy 6385
Boron
Gossypium 12836
Triticum aestivum 4484, 7934-7936, 7938-7939, 7981, 10068, 11272, 12233
Boronia, taxonomy 11006
Boronia grandisepala, taxonomy 11006
Boronia megastigma, varieties, Royale 1909
Bothriochloa, varieties, Swann 8217
Bothriochloa eurylemma, taxonomy 3670
Bothriochloa meridionalis, taxonomy 3670
Bothriochloa velutina, taxonomy 3670
Botryosphaeria dothidea, *Prunus persica* 8497
Botryotinia *(see Sclerotinia)*
Botrytis *(see also Sclerotinia)*
Botrytis allii, *Allium cepa* 2530
Botrytis cinerea
Cicer arietinum, genetics 2469
Fragaria ananassa, *in vitro* selection 7394
Linum usitatissimum, linseed 843
Lycopersicon esculentum, gene expression 3882
Lycopersicon × *Solanum* 10594
Rosa 1051, 12968
Botrytis tulipae, *Tulipa* 5435
Bougainvillea
gamma radiation 6433
induced mutations, variegation 6433
varieties
Little Guy 1910
Mischief 8810
Bougainvillea spectabilis, varieties, Pedro 12913
Bowiea volubilis, tissue culture 1109
Brachiaria
gene mapping, apomixis 7091
random amplified polymorphic DNA, apomixis 7091
restriction fragment length polymorphism, apomixis 7091
Brachiaria brizantha
interspecific hybridization 7091, 11486
mitochondrial genetics, apomixis 11486
Brachiaria ruziziensis
interspecific hybridization 7091, 11486
mitochondrial genetics, apomixis 11486
Brachycome, varieties, Lemon Twist 12975
Brachycome angustifolia, varieties, Mardi Gras 5376
Brachycome segmentosa, varieties, Misty Mauve 12976
Bracteantha bracteata, varieties, Gold 'n' Bronze 5377
Bracts
Musa
linkage 10728
recombination 10728
Bradyrhizobium
Amphicarpaea bracteata 449, 5997
genetics 12472
Glycine max 1501, 2428
genetics 2429, 9401, 12472
heritability 12474
nodulation 11536
Vigna subterranea 4891
Bradysia impatiens, *Arabidopsis thaliana* 9051
Branching
Zea mays
gene dosage 5767
mutations 5767
Brassavola cordata, interspecific hybridization 4284
Brassavola cucullata, interspecific hybridization 4284
Brassavola nodosa, interspecific hybridization 4284
Brassavola perrinii, interspecific hybridization 4284
Brassica
Aleyrodes proletella 1638
anther culture, reviews 4041
Brevicoryne brassicae 10582
chimaeras 1773, 1780
chromosome addition, genomes 4039
cryopreservation 1762
embryo culture 1767
gene expression, ribosomal RNA 9656
gene flow 8560
gene location 1765
genetic markers 1765
genetic distance 10576
genetic transformation 576, 1609
Brassica *cont.*
genetics
Albugo candida 1223
Peronospora parasitica 1223
genomes 1765, 1774
glucosinolates 5183, 7473, 8578
haploidy, reviews 4040-4041
heat resistance 3838-3839
intergeneric hybridization 3836
interspecific hybridization 1767, 1792, 3836, 7275, 7447-7448
kohlrabi, molecular genetics, cauliflower mosaic caulimovirus 6104
leaves 7465
molecular genetics, self incompatibility 9664
mutations 824
Myzus persicae 10582
nucleotide sequences 824
self incompatibility 827
outcrossing 8560
photosynthesis 578, 7465
pollen culture, reviews 4041
polyploidy 1774
Pratylenchus penetrans 5183
proline 3839
reciprocal effects 7275
restriction fragment length polymorphism
evolution 1774
genetic distance 10577
genomes 4039
Sclerotinia sclerotiorum 10779
seeds 1762, 8578
stability, yields 8580
storage, pollen 1605
taxonomy 2747
Xiphinema americanum 5183
Chinese cabbages
artificial selection, cold resistance 2545
genetic transformation, *Agrobacterium rhizogenes* 9530
genetics
Cercosporella albo-maculans 2547
male sterility 2541-2542
quality 1629
turnip mosaic potyvirus 2548
heterosis, quality 1629
hybrid seed production 2544
hybrid varieties 2534
in vitro culture 2544
isoenzymes 7283
male sterility 7283
plant composition 7283
polyploidy 1606
seeds, storage 12198
storage
pollen 1605
seeds 4964
varieties
Cui-Bao 1606
Cui-Lu 1606
Hamhung-3 6116
Zhengbai-4 2534
Brassica alboglabra
chlorophyll 7287
chromosome addition 8563
chromosome pairing 8563
gene mapping
colour 11806
seeds 11806
genetics
erucic acid 10774
oleic acid 10774
genomes 11797
interspecific hybridization 8563, 10774, 11797
linkage
colour 11806
seeds 11806
molecular genetics, self incompatibility 7286
morphology 1620
protoplast fusion 11797
random amplified polymorphic DNA 8563
colour 11806
seeds 11806
Brassica atlantica
gene mapping, glucosinolates 1786

***Brassica atlantica** cont.*
restriction fragment length polymorphism, glucosinolates 1786
Brassica campestris
arabinogalactans 4042
artificial selection
Leptosphaeria maculans 4052
Peronospora parasitica 4052
biosafety 12722
breeding 8546
chromosome addition 8563
chromosome morphology 11797
chromosome pairing 8563
competitive ability 830
cytoplasmic male sterility 4962
diseases 9674
gene expression
glufosinate 12722
glycoproteins 1776
light 10770
phytochrome 10770
self incompatibility 1776
gene flow 1770
gene mapping 7437
colour 11806
genomes 4034
seeds 11806
genetic resources 9674
genetic transformation, glufosinate 12722
genetics
cytoplasmic male sterility 7455
light 10770
phytochrome 10770
germination 4036, 11808
heat sums 11808
heritability, development 5176
interspecific hybridization 1612, 1767, 1770, 4036, 5180, 6242, 8563, 12722
linkage
colour 11806
seeds 11806
linolenic acid 7474
male sterility 7454
mitochondrial genetics, cytochrome *c* 9659
molecular genetics, self incompatibility 7286
mutations
light 10770
phytochrome 10770
natural selection
Phyllotreta cruciferae 841
Plutella xylostella 841
nucleotide sequences, self incompatibility 4043
outcrossing 830
phytic acid 6249
pleiotropy
Leptosphaeria maculans 4052
Peronospora parasitica 4052
pollen 4042
pollen culture 5180
polyploidy 11797
protoplast fusion 4962, 7474
quality 9674
random amplified polymorphic DNA 8563
colour 11806
phylogeny 4932
seeds 11806
restriction fragment length polymorphism, genomes 4034
sowing 8579
temperature 11808
tissue culture 11797
trypsin inhibitors 6249
water balance 8579
sarson
combining ability, yield components 7467, 7470, 12731
genetics
colour 7464
erucic acid 10774
fruits 834, 1779
height 7464
oleic acid 10774
seeds 7464
genomes 11797
heritability, yield components 8576
heterosis, yield components 7470

***Brassica campestris** cont.*
sarson *cont.*
in vitro selection
endosulfan 4054
pesticides 4054
inbreeding depression 7470
ovules 12728
quality 7433
yields 7433
interspecific hybridization 10774, 11797
Lipaphis erysimi 8584
polyploidy 8584
protoplast fusion 11797
thioglucosidase 7457
variety classification 7457
wide hybridization 8584, 12731
yield correlations 8576
toria
combining ability
quality 7479
yield components 12731
genetic variance, quality 7479
heterosis
quality 7479
yield components 7469
inbreeding depression
ovules 12728
quality 7433
yields 7433
Lipaphis erysimi 8584
multivariate analysis, yield components 2740
polyploidy 8584
wide hybridization 8584, 12731
yield correlations 2742
turnip broccoli, yield components 1618
turnip rape
atrazine 828
backcrossing 4035
cold resistance 828
cytomixis 10766
gene flow 4035
genetics
erucic acid 10774
fruits 834
oleic acid 10774
growth regulators 10578
herbicides 828
hybrid seed production 10578
interspecific hybridization 828, 7461, 10578, 10774
pollen culture 5179
protoplast fusion 828
quality 7476
random amplified polymorphic DNA, interspecific hybridization 4035
seeds 7461
thioglucosidase 7457
variety classification 7457
varieties, AC Sunbeam 11790
turnips
crop density 1590
genetic resources 1603
genetic transformation, cauliflower mosaic caulimovirus 7812
heterochromatin 7239
pollination 9518
random amplified polymorphic DNA, phylogeny 4932
Brassica carinata
artificial selection, quality 7480
colour 8569
combining ability
salinity 2748
yield components 2741, 2748
cytoplasmic male sterility
chromosome morphology 829
interspecific hybridization 829
DNA, techniques 826
genetic transformation, *Agrobacterium tumefaciens* 7436
interspecific hybridization 1612-1613, 2741, 8569, 8578
phytic acid 6249
protoplast fusion 1613
salinity 7468, 11812, 12736
seeds 8569, 10768
sowing 8579
stability, flowering 10775
trypsin inhibitors 6249

***Brassica carinata** cont.*
variety trials 1763
water balance 8579
yield correlations 7468
varieties, PC5 12718
Brassica chinensis
chromosome morphology 1614
cytoplasmic male sterility 8568
embryology 6117
fertilization 6117
genetic transformation, *Agrobacterium tumefaciens* 10574
genetics
fruits 834
habit 9534
leaves 9534
heritability, yield components 8424
hybrid varieties 7274
in vitro selection, heat resistance 581
inbreeding depression 12585
interspecific hybridization 5174, 6119, 7462, 8568
polyploidy 1614, 6117
protoplast fusion 5174, 6119
tissue culture 1626
turnip mosaic potyvirus 1635
wide hybridization 6117
varieties
Beijing Xiao Za-60 7274
Xiaoyeqing 7272
Brassica drepanensis
gene mapping, glucosinolates 1786
restriction fragment length polymorphism, glucosinolates 1786
Brassica japonica
linkage 10573
random amplified polymorphic DNA 10573
Brassica juncea
Albugo candida 8582
artificial selection
climate 4050
turnip mosaic potyvirus 12738
centres of origin 2746
chlorophyll 8582
combining ability
Albugo candida 8583
phenolic compounds 8583
yield components 2741, 4047, 8574, 9672, 12732
cytoplasmic male sterility 2735, 11800-11801
diseases 9674
DNA, techniques 826
embryo culture 7444
epistasis, *Albugo candida* 11813
evolution 4050
fatty acids 5181
flowers 2735
gamma radiation 6244, 7450
gene expression
adenosinetriphosphatase 4045
cytoplasmic male sterility 4045
extensin 838
stress 838
gene flow 4044
gene mapping 10764
genetic resources 2746, 7270, 9674
genetic transformation 7435
genetic variance
Albugo candida 8583
oils 10771
phenolic compounds 8583
yield components 9672
genetics
Albugo candida 11813
colour 8574
cytoplasmic male sterility 7455
fatty acids 2745
flowers 8574
seeds 2745
shedding 7459
yields 7459
genotype environment interaction, yield components 12732
glucosinolates 5181
habit 7458
heritability
shedding 7459
yield components 1783, 4047, 8574
yields 7459

Brassica juncea *cont.*
hybrid seed production 1768
hybrid varieties 1768
in vitro selection, salinity 11811
induced mutations
oils 6244
yield components 7450
yields 6244
interspecific hybridization 2735, 2741, 7444, 7448, 8578
linkage 10764
Lipaphis erysimi 8584, 11814
nucleotide sequences
adenosinetriphosphatase 4045
cytoplasmic male sterility 4045
nutrients 12735
oils 2744
phytic acid 6249
plant introduction 5181
pollen culture 7471
pollination 4044
polyploidy 8584
quality 7478, 9674
restriction fragment length polymorphism 10764
salinity 11812
techniques 7483
seeds 2744
shedding 2737
soil pH 8581
sowing 8579
stability, flowering 10775
tissue culture 9673
trypsin inhibitors 6249
water balance 8579
yield correlations 836, 1783, 5178, 7466, 8573, 8575
yields 7458
zinc 12735

Brassica napus
biosafety 12722
chromosome addition 8563
chromosome morphology 11797
chromosome pairing 8563
colour 8569
combining ability, yield components 2741
gene expression
glufosinate 12722
isocitrate lyase 4046
gene mapping, self incompatibility 12724
genetic transformation, glufosinate 12722
genetics, height 4048
interspecific hybridization 1611, 2741, 7462, 8563, 8569, 12722
mitochondrial genetics, cytochrome *c* 9659
mutations
fruits 5177
seeds 5177
phytic acid 6249
pollen culture 1784
polymerase chain reaction, variety classification 9655
polyploidy 11797
random amplified polymorphic DNA 8563
seeds 8569
stability, flowering 10775
tissue culture 11797
trypsin inhibitors 6249
rape
Alternaria 9675
anther culture 1785, 7472
Aphididae 840
artificial selection
cold resistance 7482
glucosinolates 1788
Leptosphaeria maculans 10778
male sterility 12727
self incompatibility 831
atrazine 828
backcrossing 4035
atrazine 11791
herbicides 11791
Leptosphaeria maculans 1790
biosafety 9657
breeding 2024, 8545-8546, 11789
cell culture 8577
chimaeras 1781
Erysiphe cruciferarum 5182

Brassica napus *cont.*
rape *cont.*
chimaeras *cont.*
morphology 5182
chromosome addition, self incompatibility 8564
chromosome morphology 829
cold resistance 828
combining ability
nitrogen 8572
proteins 8572
yield components 9671
composite varieties 7477
cytokinins 8565
cytomixis 10766
cytoplasmic male sterility 829, 1775, 2736, 5175, 7449, 8568, 12726
development 11807
diseases 9674
DNA, techniques 826
drought resistance 4051
epistasis
flowers 10769
leaves 10769
ethyl methanesulfonate 12737
fatty acids 2743, 7451
techniques 12734
flowers 8566, 12726, 12729
gamma radiation 5182
gene expression 825
acyl-acyl-carrier-protein desaturase 7453
adenosinetriphosphatase 4045
anthers 10765
arabinogalactans 4027
aspartic proteinase 6248
binding proteins 4030
biotin carboxyl carrier protein 7434
cold resistance 839
cytoplasmic male sterility 4045, 11803
development 7453
extensin 838
β-glucuronidase 11804
heat shock proteins 1785
hydrolases 4032
isocitrate lyase 7432
isopentenyltransferase 7463
long-chain-fatty-acid-CoA ligase 8556
napin 821, 5172
nitrate reductase 2738
oleosins 8273, 10765
plant embryos 3288
pollen 4027, 7453, 12723
polygalacturonase 7442
protein kinase 9654
seeds 5172, 8273
self incompatibility 5622, 8567
senescence 8571
shedding 4032
stress 838
thioredoxins 1777
transposable elements 4031
gene flow 1769-1770, 1772, 4035, 8559, 9657, 9662
reviews 7439
gene mapping 4028, 7438, 8558
cytoplasmic male sterility 12725
desaturases 8557
genetic distance, isoenzymes 8570
genetic engineering 1766
fatty acids 837
herbicides 25
self incompatibility 8567
genetic markers 4033
flowering 4433
heterosis 1771
Leptosphaeria maculans 10776
waxes 6247
Xanthomonas campestris 7292
genetic resources 5171, 9674
genetic transformation 6241, 11794
acetyl-CoA carboxylase 9669
acyltransferases 11809
biosafety 39
fatty acids 11809, 12200
β-glucuronidase 11804
glufosinate 6252
growth regulators 1778

Brassica napus *cont.*
rape *cont.*
genetic transformation *cont.*
herbicides 6252
hydrolases 4032
IAA 1778
insects 4053
isopentenyltransferase 7463
napin 821
oleosins 8273
phosphinothricin acetyltransferase 7440
seeds 8273
shedding 4032
techniques 7440
tropisms 1778
genetic variance
fatty acids 1787
yield components 9671
genetic variation, isoenzymes 11807
genetics
Albugo candida 1789
cytoplasmic male sterility 7455
erucic acid 7475, 10774
flowers 7462
glucosinolates 7475
Leptosphaeria maculans 1790-1791, 10776
male sterility 11802, 12727
oleic acid 10774
polyploidy 7452
seeds 7461
self incompatibility 831-832, 7475
waxes 6247
Xanthomonas campestris 7292
genomes 8562
germination 4036, 11807-11808
germplasm releases, cytoplasmic male sterility 9665
glucosinolates 5183, 7451, 7473, 7477, 9675
techniques 10773, 12734
growth period 11789
growth regulators 8565
habit 12729
haploidy 831, 4096, 7451, 7475
heat sums 11808
herbicides 828, 1794, 7451, 8559
heterosis
abscisic acid 833
gibberellic acid 833
growth regulators 833
nitrogen 8572
proteins 8572
yield components 1782, 9661, 9671
hybrid seed production 1768, 2734, 2736, 7449, 10767
hybrid varieties 1768
immunology, self incompatibility 11799
in vitro selection
oxalic acid 12737
toxic substances 12737
induced mutations
oxalic acid 12737
toxic substances 12737
interspecific hybridization 828-829, 1769-1770, 4036, 5180, 6242, 7292, 7461, 7473, 8562, 8564, 8568, 8578, 10774
Leptosphaeria maculans 6251, 9675, 10777
linkage 8558
linolenic acid 835, 7474
male sterility 8565, 10767, 12733
mitochondrial genetics
cytochromes 823
cytoplasmic male sterility 9667, 11803
NADH dehydrogenase 9658
molecular genetics
antigens 12720
cytoplasmic male sterility 7456
napin 2739
nitrate reductase 2738
seeds 2739
self incompatibility 1777
mutagens 12737
mutations
cold 9670

Brassica napus *cont.*
rape *cont.*
mutations *cont.*
lipids 9670
nucleotide sequences
adenosinetriphosphatase 4045
anthers 10765
arabinogalactans 4027
aspartic proteinase 6248
binding proteins 1764, 4030
biotin carboxyl carrier protein 7434
cytochromes 823
cytoplasmic male sterility 4045, 9667
long-chain-fatty-acid-CoA ligase 8556
oleosins 10765
pollen 4027, 12723
protein kinase 9654
self incompatibility 5622
senescence 8571
transposable elements 4031
nutrients 2736, 12735
oils 2744, 7477
oleosins 7460
outcrossing 1772, 8570, 9662
reviews 7439
ovules, ultrastructure 11798
plant introduction 5171
Plasmodiophora brassicae 1792
pollen 7280
pollen culture 831, 4049, 4096, 5180, 7280, 7472, 10772
pollination 8566
polymerase chain reaction 825, 8974
cold resistance 839
Pratylenchus penetrans 5183
proteins 7477
protoplast fusion 828, 7292, 7474
quality 7476, 9674
random amplified polymorphic DNA 4028, 4033, 8558
chromosome addition 8562
cytoplasmic male sterility 12725
interspecific hybridization 4035
self incompatibility 8564
regenerative ability 10772
restriction fragment length polymorphism 4028, 7438, 8558, 12721
cytoplasmic male sterility 12725
desaturases 8557
flowers 10769
glucosinolates 1788
leaves 10769
variety classification 5173
Sclerotinia sclerotiorum 2749, 6250, 10777
seedlings 9668
seeds 2744, 11807
selection
germination 11805
temperature 11805
shedding 2737
sodium azide 12737
sowing depth 9668
stability, flowering 10775
storage, seeds 2121, 12730
temperature 1775, 11808
thioglucosidase 7457
tissue culture 2743, 12733
tocopherols, techniques 11810
turnip mosaic potyvirus 2749
variety classification 7457
variety trials 817, 6673, 8547-8552, 10017
Xiphinema americanum 5183
yields 835
zinc 12735
varieties 6674, 10018
BLN971 8554
BLN973 8553
Clancy 8553
Drum 8554
Dunkeld 818
GSL2 11791
Huxiuqing 12719
PGSH51 11792
Rainbow 819
Scoop 8555
Siren 820

Brassica napus *cont.*
swedes
low input agriculture 10551
variety trials 10551
statistics 1589
varieties 6674
Brassica nigra
chromosome addition, self incompatibility 8564
chromosome transmission, self incompatibility 8564
gene mapping 7441
genomes 4034
genomes 8562
growth regulators 10578
hybrid seed production 10578
interspecific hybridization 8562, 8564, 10578
random amplified polymorphic DNA, self incompatibility 8564
repetitive DNA, phylogeny 4029
restriction fragment length polymorphism 7441
genomes 4034
techniques, gene mapping 9663
Brassica oleracea
Albugo candida 1632, 7293
Aleyrodes proletella 1638
Brevicoryne brassicae 1632
techniques 1637
chromosome addition, self incompatibility 8564
chromosome morphology 11797
cytoplasmic male sterility 4962
epistasis, *Plasmodiophora brassicae* 6123
gene expression
anthers 9533
aquaporin 9533
gene mapping 1608, 8558
genomes 4034
self incompatibility 12724
genetic markers
genetic distance 10576
glucose-6-phosphate isomerase 1610
isoenzymes 1610
phosphoglucomutase 1610
genetic resources 1632
genetic transformation
Agrobacterium rhizogenes 9530
reviews 1607
genetics, *Plasmodiophora brassicae* 6122-6123
interspecific hybridization 8564
linkage 8558
multiple alleles
glucose-6-phosphate isomerase 1610
isoenzymes 1610
phosphoglucomutase 1610
nucleotide sequences
anthers 9533
aquaporin 9533
self incompatibility 12586
outcrossing 1610
Peronospora parasitica 1632
polyploidy 11797
promoters, self incompatibility 9531
protoplast fusion 4962
random amplified polymorphic DNA 8558
phylogeny 580
self incompatibility 8564
restriction fragment length polymorphism 1608, 8558
genetic distance 10577
genomes 4034
self incompatibility 12586
tissue culture 11797
broccoli
anther culture 6120
artificial selection
turnip mosaic potyvirus 10580
Xanthomonas campestris 10580
cytoplasmic male sterility 4963
development 1624
gamma radiation 1627
gene expression, flowers 9532
gene mapping, *Plasmodiophora brassicae* 4969
genetics, male sterility 7282
induced mutations 1627
inflorescences 1624

Brassica oleracea *cont.*
broccoli *cont.*
interspecific hybridization 1611, 5174, 7292
morphology 1619
nitrates 4967
nucleotide sequences, flowers 9532
Peronospora parasitica 4956
plant composition 4967
pollen 7280
pollen culture 7280
proteins 4965
protoplast fusion 4963, 5174, 7292
random amplified polymorphic DNA, self incompatibility 7285
restriction fragment length polymorphism
Plasmodiophora brassicae 4969
self incompatibility 7285
seed testing 4965
tissue culture 1627
variety classification 1622
techniques 1623
variety trials 4956
wide hybridization 7285
cabbages
anther culture 6120
artificial selection 1604
chimaeras 1781
combining ability, yield components 7288
cytoplasmic male sterility 4963
gene mapping, *Plasmodiophora brassicae* 4969
genetic resources 1603, 1633
genetics, *Brevicoryne brassicae* 7295
heat resistance 4968
heritability, *Sclerotinia sclerotiorum* 1633
hybrid varieties 2533, 7273
interspecific hybridization 6119
Lepidoptera 7294
male sterility 2539
Peronospora parasitica 6121
Plasmodiophora brassicae 1634
pollen culture 1628
pollination 2537
protoplast culture 6119
protoplast fusion 4963, 6119
random amplified polymorphic DNA 4961
self incompatibility 7285
restriction fragment length polymorphism
Plasmodiophora brassicae 4969
self incompatibility 7285
Sclerotinia sclerotiorum 1633
self incompatibility 2537
Thrips tabaci 10581
variety trials 6114-6115
wide hybridization 7285, 12587
Xanthomonas campestris 1631
varieties 2533
Chunbao 4960
Xiyuan-4 7273
Yanchun 2532
Zhonggan-9 4959
cauliflowers
anther culture 10579
cytoplasmic male sterility 828
N-ethyl-*N*-nitrosourea 1630
gene expression
flowers 9532
self incompatibility 7281
genetics, growth period 3837
growth regulators 10578
heritability, *Sclerotinia sclerotiorum* 1633
heterosis
inflorescences 3835
yield components 11633
yields 3835
hybrid seed production 10578
in vitro selection
cold resistance 1630
hydroxyproline 1630
interspecific hybridization 828, 1613, 10578
morphology 1619
mutagens 1630
nucleotide sequences, flowers 9532

Brassica oleracea *cont.*
cauliflowers *cont.*
protoplast fusion 828, 1613
seeds, storage 12198
self incompatibility 1617, 8423
somatic embryogenesis 7290
tissue culture 7289-7290
Tylenchorhynchus brassicae 1636
variety classification 1622
techniques 1623
variety trials 6113, 8419
kale
Ascia monuste 3840
bolting 8425
compatibility 12587
flowering 1621
gene expression
injuries 7279
self incompatibility 7279
Xanthomonas campestris 7279
interspecific hybridization 7473
isoenzymes 1621
molecular genetics, self incompatibility 7286
nucleotide sequences, self incompatibility 7279
Plasmodiophora brassicae 1634
tissue culture 579
wide hybridization 12587
varieties 6674, 10018
kohlrabi
variety trials 11638
wide hybridization 12587
Brassica parachinensis, tissue culture 4966
Brassica pekinensis
anther culture 1625
aroma 9535
breeding 2531
cytoplasmic male sterility 2538
gene expression
anthers 6118, 10575
flowers 2535
proteins 8421
genetic transformation, *Agrobacterium rhizogenes* 2536
genetic variance, yield components 2543
genetics
cytoplasmic male sterility 2540
flowers 2540
male sterility 1615-1616, 7284
turnip mosaic potyvirus 582
glucosinolates 9536
heat resistance 2546
heterosis, yield components 2543
interspecific hybridization 1612, 2735
linkage 10573
molecular genetics
anthers 10575
stomata 9529
nucleotide sequences
anthers 6118
flowers 2535
proteins 8421
plant introduction 2531
Plasmodiophora brassicae 9536
proteins 4965
random amplified polymorphic DNA 10573
seed testing 4965
storage 8420
tissue culture 7291
turnip mosaic potyvirus 1635
variety trials 4957, 7271, 8420, 10572
varieties, Huang Ya 14-1 4958
Brassica tournefortii
embryo culture 7444
gene expression
adenosinetriphosphatase 4045
cytoplasmic male sterility 4045
interspecific hybridization 7444
nucleotide sequences
adenosinetriphosphatase 4045
cytoplasmic male sterility 4045
Brassica* (×) *Arabidopsis, protoplast fusion 1203
Brassica* (×) *Camelina, protoplast fusion 7276-7277
Brassica* (×) *Capsella, protoplast fusion 7278
Brassica* × *Diplotaxis
intergeneric hybridization 7275
Brassica* × *Diplotaxis *cont.*
reciprocal effects 7275
Brassica* × *Eruca, intergeneric hybridization 7447, 11793
Brassica* × *Eurocastrum
intergeneric hybridization 11795
outcrossing 11795
Brassica* (×) *Lesquerella
chromosome number 4038
protoplast fusion 4038
X radiation 4038
Brassica* × *Moricandia, intergeneric hybridization 7446
Brassica* (×) *Moricandia
photosynthesis 4037
protoplast fusion 4037
Brassica* × *Orychophragmus
chromosome number 11796
chromosome pairing 6245, 11796
intergeneric hybridization 4083, 6245, 9660, 11796
meiosis 6245
pollen germination 9660
Brassica* × *Raphanus
chromosome aberrations 7252
chromosome number 7443
cytoplasmic male sterility 9526
embryo culture 7252
gene flow 1769
Heterodera schachtii 11621
intergeneric hybridization 1769, 3836, 7252, 7275, 7443, 9526, 11621, 11795
nucleocytoplasmic interaction 9526
outcrossing 11795
polyploidy 7252
reciprocal effects 7275
Brassica* (×) *Raphanus
chloroplast genetics 7251
mitochondrial genetics 7251
protoplast fusion 7251
restriction fragment length polymorphism 7251
Brassica* × *Sinapis
chromosome number 7445
gene flow 1769
intergeneric hybridization 1769, 6243, 7445, 8422
ovule culture 6243
quality 6243
Brassica* (×) *Sinapis
Alternaria brassicae 11634
protoplast fusion 1613, 8561, 11634
Brassica* (×) *Trachystoma
cytoplasmic male sterility 11800
protoplast fusion 11800
Brassicaceae
evolution 4444, 7481
flowers 5585
genetic resources 11632
gynoecium 4444
intergeneric hybridization 3836, 7250
interspecific hybridization 3836
leaves 7481
photosynthesis 7481
pollen 9666
sexual reproduction 5585
Brassinosteroids
Arabidopsis thaliana
gene expression 9081
mutations 3228, 9081
Pisum sativum
gene expression 9081
mutations 8317, 9081
Breeders' rights 1161, 2036, 3159, 4353-4355, 6595-6596, 6600, 7774-7775, 9907, 12087
legislation 1162
ornamental plants 1037
Proteaceae 3005
Breeding 1151, 1164, 2022-2024, 2068, 3150, 6568-6569, 7759
Abelmoschus esculentus 5075
Acer pseudoplatanus 6380
Actinidia deliciosa 10707
statistics 5130
Adenium arabicum 5444
Adenium obesum 5444
Adenium swazicum 5444
Allium cepa 7260
history 7256
Breeding *cont.*
Arachis hypogaea, conferences 13059
Asparagus officinalis, history 4973
Astrophytum asterias, history 5439
Astrophytum myriostigma, history 5439
Avena sativa 4570, 5691, 9176
bamboos 11087
Banksia 3003, 3008
Beta vulgaris
fodder beet 5217
sugarbeet 2803, 2805-2806, 2808, 4095, 5217, 6303
history 2804
books 1149, 4340
Brassica campestris 8546
Brassica napus, rape 2024, 8545-8546, 11789
Brassica pekinensis 2531
Camellia sinensis 893, 12797
Cannabis sativa 2907-2908, 2912
Capsicum 626, 12618
Capsicum annuum 628, 2597
Cattleya dowiana 13013
cereals 3154, 6679
history 12072
Citrus 2712-2713
books 7756
Cocos nucifera 4065
Coffea 2826
computer programming 6592, 11129
conferences 2016
crops 2025-2026, 3154, 4448, 12184
books 5498
conferences 5491-5492, 7755, 13057
history 6558, 12072
Cucumis sativus 1705, 2635, 6163
history 3903
Cucurbita pepo 7338
Cucurbitaceae, books 4337
Cydonia oblonga 7368
Dactylis glomerata 8193
Dendrobium bigibbum 7700
Dendrobium phalaenopsis 7699
diseases, conferences 8947
Eleusine coracana 4455, 11400
Eucalyptus nitens 11923
experimental design 8
Fagus sylvatica 11931
fatty oil plants 4026
books 11115
Festuca arundinacea 8193
fodder legumes 2372
fodder plants 1426, 7071, 9319-9320
forest trees 11102
Fragaria ananassa 7391, 12663
history 2694
reports 2693
Fraxinus excelsior 972
fruit crops 2663
books 4341-4342
reviews 4341-4342
Gladiolus 5416
Glycine max 451-452, 3698, 8251, 9381
history 9369
Gossypium 4134, 7586, 10868, 11901
Gossypium barbadense 7587, 10871
Gossypium hirsutum 2857-2858, 7587, 8707, 10871, 12830
history 9761, 10867
grain legumes, books 11115
grasses 8194, 8830, 9323
history 8196
Helianthus 7486
Helianthus annuus 844, 7486
Hevea brasiliensis 8757, 12847
history 11, 4368
Hordeum spontaneum 1306
Hordeum vulgare 217, 1153, 1306, 3368, 6770-6772, 7760
horticultural crops
conferences 2012
reviews 5505
Humulus lupulus 12052
information processing 6592
Jatropha curcas, books 3143
Larix laricina 10947
Leptospermum scoparium 10993
history 10992
Leucadendron 3004, 3006
Leucospermum 3004
Lilium 3082-3086, 5430

Breeding *cont.*
Lolium perenne 1429, 8193
Lycopersicon esculentum 10591, 12593
Macadamia 4021
Macadamia integrifolia 11787
Macadamia tetraphylla 11787
Malus 10645
Malus pumila 3920, 7349, 7351, 10646-10647
history 3919
books 6564
Mangifera indica 799, 12694-12695
books 9916
Medicago sativa 9342-9343
conferences 5489
Morus 784
Musa 790, 8519, 9625, 10720-10723, 11766
conferences 4326
Nelumbo 2513
Nerine 4275
Nerine sarniensis 4275
nut crops 650
books 4343
reviews 4343
Nymphaea alba, history 1101
Olea europaea 6259, 11826
Onobrychis 2409
ornamental plants, books 1143, 3145
Oryza sativa 332, 2311, 3572-3574, 4658, 5867, 5870, 10032, 12355, 12357
economics 10285
history 1395
Pachyrhizus, books 1145
Panicum virgatum 3554
Papaver somniferum 11058
Parthenium argentatum 5274
Pelargonium 5332
Pennisetum glaucum 4454-4456, 4643-4644, 4646-4647, 12345
Phalaris aquatica 8193
Phaseolus 12484
Phaseolus vulgaris 3723, 12484
Picea glauca 9801, 10947
Picea mariana 10947
Pinus banksiana 10947
Pinus elliottii 8937
techniques 10952
Pinus taeda 2964, 8937, 10951
reports 8938
techniques 10952
Pisum sativum 4867, 6053, 8315, 12497
Poa pratensis 12419
Populus 5285, 6372
Protea 3004
Prunus
conferences 8942
apricots 673, 676-677, 685-686
cherries 5103, 7369, 7371
plums 740, 7369, 7371, 7373-7374
history 2676
Prunus armeniaca 672, 674, 683-684, 8478
Prunus avium 8480, 11686-11689, 11692-11693
Prunus cerasifera 6188
Prunus cerasus 11687
Prunus dulcis 810
Prunus persica 2680, 6191, 7381, 8478, 8483
history 8497
Prunus tomentosa 3950
Pseudotsuga menziesii 1026, 6411
Psidium guajava 7425
Psophocarpus tetragonolobus 2483
Pyrus 5087
quantitative genetics 7855
Renanthera 7701
reviews 6
Rhododendron catawbiense 5331
Rosa 12926
conferences 13054
Rosa canina 1939
Rubus, raspberries 7391
Saccharum officinarum 867, 7525-7527, 8618, 11847
history 8619, 8622
Salvia officinalis 8921
Secale cereale 3398
conferences 4331
Breeding *cont.*
Sesamum indicum 6290
Simmondsia chinensis 5199
Solanum tuberosum 527, 1559-1562, 2484, 3784, 7213, 12536
history 6078
Sorghum 312
Sorghum bicolor 2291-2292, 4454-4456, 4621-4622, 6953, 6959
statistics 8956
Stevia rebaudiana 5217
temperate fruits 650
Theobroma cacao 12804
Trifolium pratense, books 5496
Trifolium repens 1450, 11501
triticale 228, 6805-6813, 6815, 6817-6818, 6820-6822, 6828-6829, 6838
books 7757
Triticum aestivum 113, 1281, 3297, 4466, 4468, 6767, 7884, 12214
history 5601
Triticum dicoccum, history 9097
Triticum durum 6692-6693, 11234
Triticum monococcum 9098-9099
Ulmus glabra 9793
Ulmus laevis 9793
Ulmus minor 9793
Vaccinium 8499
Vaccinium angustifolium 7391
Vigna unguiculata 8348
Vitis, history 7396
Vitis vinifera 767, 7391, 10697
Zea mays 230-233, 2242, 2244, 3426, 3429-3430, 3434-3435, 3453, 4455, 5701, 6903, 10138, 10140
conferences 4327-4328
history 1376, 3427, 6902, 6920, 8070
Zizania palustris 11454
Bremia lactucae
Lactuca, genetics 2553
Lactuca sativa, genetics 7785
Brevicoryne brassicae
Brassica 10582
Brassica oleracea 1632
techniques 1637
cabbages, genetics 7295
Bromide, *Lycopersicon esculentum* 5026
Bromoxynil
Gossypium hirsutum 8746
genetic transformation 8714, 8745
Bromus
genetic resources 11481
genetic variation, isoenzymes 10367
plant embryos 11482
Bromus catharticus
leaves 416
sexual reproduction 3666
Bromus elidis, taxonomy 7093
Bromus hordeaceus
drought resistance 4782
ecotypes 4782
taxonomy 8220, 8223
Bromus inermis
artificial selection, digestibility 3669
combining ability, yields 420
Brownleea
morphology 9861
phylogeny 9861
Buchloe dactyloides, salinity 421
Buddleja, varieties, Wattle Bird 1045
Buddleja asiatica, varieties, Sweet Promise 1044
Bulbophyllum, taxonomy 8888, 9862, 11047, 13017
Bulbophyllum guttifilum, taxonomy 6511
Bulbophyllum smitinandii, taxonomy 8891
Bulbs
Allium cepa, information processing 7266
Lilium, storage 3087
Bunium bulbocastanum, seed production 12035
Bunium persicum, tissue culture 2000
Bupleurum falcatum
anther culture 7716, 13033
haploidy 7716
Busseola fusca, Zea mays 309
Butylate, *Zea mays* 4620
Cacopsylla pyri
Pyrus communis 11681
mutations 11681
Pyrus ussuriensis 11681
Cactaceae
chloroplast genetics, phylogeny 1096
nucleotide sequences, evolution 8902
Cadinene synthase
Gossypium arboreum
gene expression 2872, 4136
molecular genetics 4136
Cadmium
Datura fastuosa
gene expression 1112
in vitro selection 1112
nucleotide sequences 1112
Festuca rubra 10357
Helianthus annuus 7870
Hypericum perforatum 11069
Linum usitatissimum 7870
linseed 1256
Nicotiana tabacum, gene expression 4113, 7559
Triticum aestivum 10072
Triticum durum 1256, 7870, 10072
Caesalpinia pulcherrima, heterostyly 11986
Caffeoyl-CoA methyltransferase
Petroselinum crispum
gene expression 6546
nucleotide sequences 6546
Cajanus
Helicoverpa armigera 9486
proteinase inhibitors 6072
Cajanus cajan
abscission 4882
amylase inhibitors 1540
artificial selection, yield components 7194, 8338
Callosobruchus chinensis 6074
canopy 11576
chromosome pairing 12518
combining ability, yield components 3773, 9477, 10498, 11574
crop density 11575
cytoplasmic male sterility 9468, 11573
drought resistance 4881-4882, 7196, 11576
ethyl methanesulfonate 9472
Fusarium oxysporum 9482
Fusarium udum 512, 7197, 12522
gamma radiation 9472
genetic variance
Phytophthora drechsleri 9484
yield components 9477, 10496, 10498
genetics
determinate and indeterminate habit 12519
Fusarium udum 7198, 8344
growth period 9475
Helicoverpa armigera 12523
male sterility 11572
Melanagromyza obtusa 12523
Phytophthora drechsleri 10499
genotype environment interaction, yield components 12521
germination 9474
germplasm releases
Fusarium oxysporum 9481
growth period 9481
pigeonpea sterility mosaic virus 9481
growth period 3774, 4881, 8341, 9471, 9474, 9485
height 10493
Helicoverpa armigera 9486
heritability
Phytophthora drechsleri 9484
quality 9479
yield components 10496, 12520
heterosis, yield components 9478
hybrid seed production 10490
inbreeding depression, yield components 9478
induced mutations
male sterility 9467
peroxidases 8339
yield components 9472
interspecific hybridization 7193, 9470, 9473, 12523
lipids 4880
male sterility 9465, 10492
Maruca vitrata 9485
mitochondrial genetics, cytoplasmic male sterility 7193, 9470
multivariate analysis, yield components 9476

Cajanus cajan *cont.*
mutagens 9467, 9472
nitrogen fixation 3774
nutritive value 511
pigeonpea sterility mosaic virus 510, 10500
pollination 9469, 10490
polymorphism, peroxidases 8339
proteinase inhibitors 6072
quality 7195
ratooning 3772
restriction fragment length polymorphism, cytoplasmic male sterility 7193, 9470
seed aging 4880
seeds 10494
sodium azide 9467
soil types 3774
streptomycin sulfate 9467
translocation 4882
trypsin inhibitors 511, 1540
variety trials 7195, 9471
waterlogging 11577
yield components 10495
yield correlations 6073, 8341-8343, 10493, 10497
varieties
CoH1 10489
HUA7 9465
ICPL87119 510
KM-7 9466
PPH4 1539

Cajanus platycarpus
genetic resources 9473, 9480, 9483
interspecific hybridization 9473
pathogens 9480
Phytophthora drechsleri 9483
quality 9473
yield correlations 9473

Cajanus scarabaeoides
genetics
Helicoverpa armigera 12523
Melanagromyza obtusa 12523
interspecific hybridization 12523

Cajanus sericeus
interspecific hybridization 7193, 9470
mitochondrial genetics, cytoplasmic male sterility 7193, 9470
restriction fragment length polymorphism, cytoplasmic male sterility 7193, 9470

Cajanus* × *Atylosia, intergeneric hybridization 8340

Caladenia tentaculata
outcrossing 6506
pollination 6506

Calamovilfa longifolia, varieties, Pronghorn 7089

Calamus, random amplified polymorphic DNA 13048

Calathea exotica, tissue culture 3275

Calathea misantlensis, taxonomy 6523

Calathea ovandensis, chromosome number 8910

Calceolaria, chromosome number 12985

Calceolaria aiseniana, taxonomy 13002

Calceolaria rinconada, taxonomy 13002

Calcium
Agapanthus umbellatus 4260
Arabidopsis thaliana
gene expression 4421
molecular genetics 8963
Glycine max 8284
Gossypium 12836
Helianthus annuus 10796
Ipomoea batatas 7247
Phaseolus vulgaris 3729, 11556
Solanum, tuberous species 3800
Zea mays
gene expression 3511
molecular genetics 8963

Callerya, taxonomy 10946

Calliandra calothyrsus
cutting 1892
cuttings 9795
forage 1892
rooting capacity 9795

Callicarpa, taxonomy 9819

Callistemon viminalis
chemotaxonomy 8818
essential oils 8818

Callistephus chinensis
heritability
quality 4265
yield components 4265

Callosobruchus chinensis
Cajanus cajan 6074
Cicer arietinum 2470, 9461

Callosobruchus maculatus
Vigna mungo, genetics 3780
Vigna radiata, genetics 3780

Calmodulin
Arabidopsis thaliana, gene expression 58
Capsicum annuum
gene expression 10615
nucleotide sequences 10615
Glycine max, molecular genetics 9383
Nicotiana tabacum, genetic transformation 7568
Solanum tuberosum, gene expression 2494
Triticum aestivum
gene location 2137
nucleotide sequences 2137

Calnexin
Helianthus tuberosus
gene expression 11623
nucleotide sequences 11623

Calonectria *(see also Monographella)*

Calopogon tuberosus, mutations, flowers 11042

Calreticulin
Ricinus communis
gene expression 12771
nucleotide sequences 12771

Calypso bulbosa, pollination 1974

Camelina* (×) *Brassica, protoplast fusion 7276-7277

Camellia
centres of diversity 9811
chromosome banding 9811
evolution 9817
plant composition 3029
polyploidy 9811
random amplified polymorphic DNA, phylogeny 9711
taxonomy 6440, 9817, 11007

Camellia chrysantha
colour 3035
flowers 3035
interspecific hybridization 3035
nomenclature 11002

Camellia japonica
genetic transformation 3032
somatic embryogenesis 12924
tissue culture 3032
varieties 12918

Camellia lutchuensis
chimaeras 12922
interspecific hybridization 12922
polyploidy 12922

Camellia nitidissima, nomenclature 11002

Camellia reticulata, varieties 12918

Camellia rusticana
chimaeras 12922
interspecific hybridization 12922
polyploidy 12922

Camellia sasanqua
varieties 12918
Classique 12914
First Cover 12914

Camellia sinensis
Acaphylla theae 6314, 7552
amplified fragment length polymorphism, variety classification 5232
aneuploidy 9708
breeding 893, 12797
canopy 4106
catechin 9710
cell culture 11868
chromosome aberrations 12799
chromosome morphology 6309, 12799
chromosome number 6309
drought resistance 4106, 12802
flavanols 6311, 12801
genetic resources 2825
genetics
photosynthesis 1844
proteins 1844
genotype environment interaction, yield components 8682
geography 2823

Camellia sinensis *cont.*
heterosis
esterases 2824
isoenzymes 2824
peroxidases 2824
morphology 2823
photosynthesis 9709
pollen 6310
Polyphagotarsonemus latus 7553
polyploidy 9708
quality 6311-6313, 7551
random amplified polymorphic DNA 2822, 12798
variety classification 6308
soil water 9709
temperature 12802
theaflavine 12801
tissue culture 894, 2825, 4105, 7550, 9710
translocation 4106
variety trials 1843
yield correlations 12800

Camellia taliensis
chromosome morphology 6309
chromosome number 6309

Campanula, taxonomy 8852

Campanula patula, chromosome number 1059

Campnosperma brevipetiolata, genetic variation 6383

Camptotheca acuminata
gene expression
aromatic-L-amino-acid decarboxylase 11061
proteins 5453
nucleotide sequences, proteins 5453

Campylomma livida, ***Gossypium*** 11910

Canarium, polymorphism, isoenzymes 10938

Canavalia, taxonomy 10520

Canavalia gladiata
gene expression
canavalin 12532
globulins 12532
proteins 7210
genetic engineering, canavalin 7124
immunology 11588
nucleotide sequences
canavalin 12532
globulins 12532
proteins 7210, 11588

Canavalin
Canavalia gladiata
gene expression 12532
genetic engineering 7124
nucleotide sequences 12532
Phaseolus vulgaris
gene expression 7124
genetic transformation 7124

Canna
flowering 5417
variety trials 5417
varieties, Phasion 3075

Cannabinoids
Cannabis sativa 2913-2914
artificial selection 8751

Cannabis sativa
artificial selection
cannabinoids 8751
yield components 2909
breeding 2907-2908, 2912
cannabinoids 2913-2914
gamma radiation 2911, 7612
gene mapping 2910
genetic markers 2907, 2911
genetic resources 8750, 10888
harvesting 10890
induced mutations 2911
legislation 2907
mutagens 2911
plant introduction 8749
pollen 7612
pollen germination 7612
random amplified polymorphic DNA 2910, 5269
seed production 8750
sex 10890
tetrahydrocannabinol 2912
tissue culture 2910
variety trials 2908
viruses 8752

Cannabis sativa *cont.*
yield components 10890
varieties, Diana 3285
Canopy
Cajanus cajan 11576
Camellia sinensis 4106
Coffea canephora, artificial selection 11870
Gossypium hirsutum 9772
Hevea brasiliensis 950
Panicum virgatum, genotype environment interaction 11388
Populus deltoides, genetics 8785
Populus trichocarpa, genetics 8785
Prunus persica 3958
Capparis muco, taxonomy 10755
Capsaicin
Capsicum 2607
Capsicum annuum 10617
Capsaicinoids, *Capsicum annuum* 7329
Capsanthin, *Capsicum annuum* 10617
Capsella (×) ***Brassica,*** protoplast fusion 7278
Capsicum
anther culture 3894
breeding 626, 12618
capsaicin 2607
chromosome banding 631
cucumber mosaic cucumovirus 6131, 7333
fruits 2607
genetic distance 10614
genetic resources 12618
haploidy 3894
hybrid seed production 5060
leaves 9648
pepper veinal mottle potyvirus 2611
Phytophthora capsici 6154
quality 2607
random amplified polymorphic DNA 10614
seeds 9648
taxonomy 4452
tissue culture 5055
tobacco mosaic tobamovirus 5060, 10618
tomato spotted wilt tospovirus 4999, 6131
tomato yellow leaf curl bigeminivirus 6131
varieties
Punjab Surkh 11652
Tianjiao-1 7326
Xinjiao-4 10613
Capsicum annuum
Alternaria 628
anther culture 634, 2603-2604, 12622
artificial selection
fruits 2605
yield components 9574
ascorbic acid 7329
breeding 628, 2597
capsaicin 10617
capsaicinoids 7329
capsanthin 10617
cell division 2599
chimaeras, cucumber mosaic cucumovirus 639
chromosome morphology 11653
cold resistance 1686
colour 3893
combining ability
quality 1685
yield components 9574-9575
cucumber mosaic cucumovirus 628, 2613, 5059, 7333
drought resistance 636-637
ethyl methanesulfonate 7330
fruits 632, 2606, 3893, 12623
gene expression
auxins 3892
calmodulin 10615
capsidiol 2609
defensins 3891
fruits 6150
β-glucanase 6150
isoprenoids 2600
ripening 3891, 6150
Xanthomonas vesicatoria 5057
xanthophyll 6148
gene mapping, cucumber mosaic cucumovirus 7332
Capsicum annuum *cont.*
genetic resources 5050-5051, 11126
genetic transformation
cucumber mosaic cucumovirus 1644, 7327
Xanthomonas vesicatoria 5057
genetic variance
Phytophthora capsici 2610
yield components 9575
genetics
ascorbic acid 3895
carotenoids 3895
fruits 1680
Leveillula taurica 9575
Meloidogyne incognita 1645, 3896
pepper veinal mottle potyvirus 1687
potato Y potyvirus 2612
tobacco mosaic tobamovirus 628
gliadin 7328
habit 632
haploidy 634, 1678
height 632
heritability
Phytophthora capsici 2610
yield components 1682-1683, 2602, 11654, 12620
heterosis
yield components 9574-9575, 12620
yields 630, 7329
homozygosity 634
hybrid seed production 7328
induced mutations, streptomycin 7330
interspecific hybridization 5061, 11653
leaves 632, 9648
male sterility 6149
mechanical harvesting 12623
Meloidogyne 2615
Meloidogyne incognita 11655
mutagens 7330
nucleotide sequences
auxins 3892
calmodulin 10615
defensins 3891
fruits 6150
β-glucanase 6150
ripening 3891, 6150
xanthophyll 6148
Phytophthora capsici 638, 5058
pollen 1678
potato A potyvirus 7231
potato Y potyvirus 2613, 7231
proline 5058
protected cultivation 629
proteins 4965
quality 2606, 10616
random amplified polymorphic DNA 2598
cucumber mosaic cucumovirus 7332
restriction fragment length polymorphism, cucumber mosaic cucumovirus 7332
ripening 3893
seed aging 1679
seed testing 4965, 7328
seeds 9648
storage 12198
sowing date 10612
stability 2608
stomata 6151
storage 2606
tissue culture 633, 635, 1684, 5054, 5056, 6153, 7331
tobacco etch potyvirus 3897
tobacco leaf curl bigeminivirus 5059
tobacco mosaic tobamovirus 12624
tomato yellow leaf curl bigeminivirus 640
variety classification 632, 7328
variety trials 629, 5052, 10612
water balance 636-637
Xanthomonas 628
yield components 12621
yield correlations 1681, 2601, 6152, 12621
yields 10616
varieties
AKC79-18 9573
Hisar Shakti 12619
Hisar Vijay 12619
Kaala 3890
Surakta 9573
Capsicum annuum *cont.*
varieties *cont.*
Ujwala 11651
Waialua 3890
Zhongjiao-7 5053
Capsicum chacoense, tomato spotted wilt tospovirus 2614
Capsicum chinense
genetics, tomato spotted wilt tospovirus 8448
interspecific hybridization 5061
potato A potyvirus 7231
potato Y potyvirus 7231
tomato spotted wilt tospovirus 5061
Capsicum frutescens
chromosome morphology 11653
heritability, yield components 1683
interspecific hybridization 11653
proline 12625
viruses 12625
Capsidiol, *Capsicum annuum,* gene expression 2609
Carbohydrates
genetic markers 12158
Pisum sativum 598
Triticum aestivum, heritability 5647
Zea mays 11363
Carbon
Aegilops × *Triticum* 5654
Triticum aestivum 5654
Carbon dioxide
Oryza sativa 3620
Raphanus sativus 12575
Carbonate dehydratase
Medicago sativa
gene expression 7103
nucleotide sequences 7103
Nicotiana tabacum, gene expression 6332
Populus
gene expression 12869
nucleotide sequences 12869
Carbosulfan, *Allium cepa* 1599
Carene
Pinus pinaster
gene mapping 5312
random amplified polymorphic DNA 5312
Carica
interspecific hybridization 806
papaya ringspot potyvirus 806, 9644
random amplified polymorphic DNA 12699
Carica cauliflora
embryo culture 805
interspecific hybridization 805, 12699
Carica papaya
aluminium 9641
catechol oxidase 6227
embryo culture 805
fruits 6227
gene expression
ACC oxidase 12698
ACC synthase 8529
ripening 8529
genetic transformation 5153
citrate synthase 9641
papaya ringspot potyvirus 7424, 9642-9644
interspecific hybridization 805-806, 9644, 12699
latex 1753
nucleotide sequences
ACC oxidase 12698
ACC synthase 8529
ripening 8529
papain 1753, 12700
papaya ringspot potyvirus 806
sex 6227
tissue culture 7423
yield correlations 12700
varieties, HPSC-3 8528
Carica pubescens, interspecific hybridization 9644
Carica quercifolia, interspecific hybridization 9644
Carissa
fruits 8537
genetic resources 8537
β-Carotene, *Lolium perenne* 11473
Carotenes, *Manihot esculenta,* genetics 10554

Carotenoids
Arabidopsis thaliana
gene expression 1209
nucleotide sequences 1209
Beta vulgaris, sugarbeet 6304
Capsicum annuum, genetics 3895
Cucumis sativus, artificial selection 12638
Lathyrus belinensis 11024
Lathyrus odoratus 11024
Lolium perenne 11473
Olea europaea 4072
Pennisetum purpureum, induced mutations 5862
Zea mays, combining ability 285
Carpobrotus
dioecy 4290
taxonomy 4290
Carpomyia vesuviana, Ziziphus mauritiana, backcrossing 10756
Carthamus tinctorius
combining ability, yield components 8600
genetics, male sterility 8598
heritability, yield components 8599
linkage
height 12746
male sterility 12746
mutations
height 12746
male sterility 12746
Phytophthora drechsleri 1815
rooting capacity 7497
tissue culture 7497, 8601
yield correlations 5188, 8599
varieties, AC Sunset 1814
Carum carvi, variety trials 6673, 10017
Carya illinoinensis
cell culture 11785
Melanocallis caryaefoliae 9650
varieties
Creek 12715
Desirable 11784
Kanza 12714
Caryophyllaceae
male sterility 97
sex 97
Caryopsis (*see* Seeds)
Casein kinase, *Zea mays*, restriction fragment length polymorphism 5719
β-Casein
Solanum tuberosum
gene expression 11595
genetic transformation 11595
Cassava African mosaic bigeminivirus
Manihot esculenta 9519
genetics 4934
Nicotiana benthamiana
gene expression 8704
genetic transformation 919, 8704
Cassia angustifolia, yield correlations 1108
Castanea crenata, plant introduction 10759
Castanea mollissima
flowering 4017
genetic resources 4017
Castanea sativa
clonal variation 814
gene expression
chitinase 5166
pathogenesis-related proteins 5166
genetic variation, isoenzymes 815, 10760
nucleotide sequences
chitinase 5166
pathogenesis-related proteins 5166
Phytophthora cambivora 2730
Phytophthora cinnamomi 2730
provenance trials 5165
Trichoderma viride 5166
variety trials 814, 10760
wood properties 815
varieties
Dorée de Lyon 2729
Rousse de Nay 12716
Casuarina equisetifolia
sex 5300
yield correlations 5300
Casuarina glauca
gene expression
Frankia 6390
nodulation 6390
Catalase
Arabidopsis thaliana
gene expression 3195, 11172
gene location 3195
nucleotide sequences 3195
Cucurbita
gene expression 6161
nucleotide sequences 6161
Nicotiana tabacum
gene expression 9714, 11892
genetic transformation 9714
Oryza sativa 367, 3604
gene expression 10312
Zea mays 297, 11363
nucleotide sequences 10242
phylogeny 10242
Catalogues
Cucumis melo, gene banks 8452
gene banks 4-5
Lycopersicon esculentum, gene banks 8429
plant introduction 4-5
Solanum tuberosum, varieties 7216, 10525
Triticum aestivum
chromosome translocation 5621
genetics 5612
Catechin, *Camellia sinensis* 9710
Catechol oxidase
Carica papaya 6227
Lycopersicon esculentum, gene expression 9556
Oryza sativa 5930
Saccharum
gene expression 1831
nucleotide sequences 1831
Saccharum officinarum
gene expression 8657
nucleotide sequences 8657
Solanum hjertingii 9501
Solanum tuberosum 9501
Triticum aestivum, genotype environment interaction 11267
Catharanthus coriaceus, genetic resources 8906
Catharanthus roseus
gene expression
alkaloids 1989
cyclins 9875
cytokinins 1989
methionine adenosyltransferase 6527
genetic transformation 8909
isopentenyltransferase 1985
nucleotide sequences
methionine adenosyltransferase 6527
protein kinase 4293
polyploidy 4295
Cattleya dowiana
breeding 13013
intergeneric hybridization 13013
Cauliflower mosaic caulimovirus
Arabidopsis thaliana
gene expression 3246
genetic transformation 3246, 7812
genetics 4431
Brassica, kohlrabi, molecular genetics 6104
Brassica campestris, turnips, genetic transformation 7812
Ceanothus, chloroplast genetics, phylogeny 11001
Cecidomyiidae, *Sorghum bicolor* 9270
Cecropia obtusifolia, population genetics 2957
Cecropin
Nicotiana tabacum, genetic transformation 11893
Rosa hybrida, genetic transformation 1050
Cedrela odorata, tissue culture 7636
Cedrus
genetic engineering, microsatellites 5309
genetic markers, microsatellites 5309
Cell culture
Arabidopsis thaliana
gene expression 3229
molecular genetics 3229
Brassica napus, rape 8577
Camellia sinensis 11868
Carya illinoinensis 11785
Citrus 9071
Cell culture *cont.*
Cucumis sativus 2645
Cymbopogon martinii 7739
Festuca arundinacea 4770
Fragaria vesca 3972
Gossypium hirsutum 941
Ipomoea batatas 10561
Lavandula angustifolia 12048
Lolium perenne 3655
Melilotus suaveolens 2405
Morinda citrifolia 1860
Nicotiana tabacum 1860
monoclonal antibodies 7582
Oryza latifolia 4722
Oryza sativa 4722
Pinellia pedatisecta 3118
Platycerium coronarium 11055
Populus nigra 4168
Solanum tuberosum 3792
techniques 9071
Cell cycle
Medicago sativa, gene expression 9344
Petunia hybrida 9846
Pisum sativum, gene expression 9439
Zea mays
gene expression 245, 9188
nucleotide sequences 245, 9188
Cell division 5582
Allium cepa 568, 8412
Antirrhinum majus
gene expression 1070, 1962
nucleotide sequences 1070, 1962
Arabidopsis thaliana
gene expression 6640
genetics 4401
mutations 2098, 9005
nucleotide sequences 6640
Capsicum annuum 2599
Colchicum luteum 7857
Daucus carota 7238
genetic markers 9060
genetics 12167
reviews 5584
Glycine max, gene expression 7137
Hordeum vulgare 1318, 2224
immunology 9060
Lolium temulentum, mutations 9325
Musa 6216
somaclonal variation 7406, 8518
Nicotiana benthamiana 10866
Nicotiana tabacum 6056, 11884
gene expression 5240, 6640, 10854
molecular genetics 10854
nucleotide sequences 5240, 6640
Pisum sativum 1529
Populus
gene expression 9791
genetic transformation 9791
Trifolium incarnatum 5983
Trifolium repens 7857
Triticum turgidum 3314
Vicia faba 3720
Zea mays 9190, 9207, 10174
fluorescence *in situ* hybridization 5745
gene expression 6923
mutations 9206
nucleotide sequences 6923
Cells
Agaricus bisporus, genetics 6554
Arabidopsis thaliana, mutations 11191
death 11191
diseases 11191
Mesembryanthemum crystallinum, molecular genetics 5442
Cellulase
Agaricus bisporus, nucleotide sequences 5475
Lycopersicon esculentum, gene expression 3869
Volvariella diplasia 5477
Volvariella volvacea 5477
Cellulose
Arabidopsis thaliana, induced mutations 9023
Gossypium hirsutum
gene expression 4137
nucleotide sequences 4137
molecular genetics 3174

Celosia
multivariate analysis
proteins 8850
seeds 8850
Celosia argentea, varieties, Bombay Purple 5384
Cenchrus ciliaris
apomixis 10361, 11461
chromosome pairing 10361
cold resistance 8224
gene expression
apomixis 4777
gynoecium 4777
genetic markers, apomixis 11485
nucleotide sequences
apomixis 4777
gynoecium 4777
random amplified polymorphic DNA, apomixis 11485
Cenchrus* × *Pennisetum
embryo culture 5861
fertility 5861
intergeneric hybridization 5861
Centaurea montana, genetics, flavonoids 3059
Centaurea scabiosa
gamma radiation 11023
genetics, superoxide dismutase 11023
Centaurium erythraea
genetic resources 1104
germination 1104
plant introduction 1104
Centres of diversity 9927
books 11111
Camellia 9811
crops, books 5500
Gossypium arboreum 8722
Centres of origin
Allium sativum 4954
Brassica juncea 2746
Citrus maxima 6224
Lactuca sativa 7300
Phaseolus vulgaris 11555
Triticum dicoccum 9142
Triticum monococcum 9142
Triticum spelta 9142
Centromeres, *Zea mays* 265
Centrosema
genetic resources 10390
plant introduction 10390
Centrosema pascuorum, variety trials 9358
Cephalosporium (*see also Phialophora)*
Cephalosporium maydis
Zea mays
combining ability 6948
genetic variance 6948
Cephus cinctus, *Triticum aestivum* 7915
Cerasus (*see Prunus)*
Ceratocystis fimbriata, *Mangifera indica* 9639
Ceratonia siliqua
multivariate analysis
fruits 1754
seeds 1754
nectar 2725
pollination 2725
sex 2725
variety trials 12705
Cercis canadensis
embryo culture 7635
tissue culture 9815
Cercospora (*see also Mycosphaerella; Pseudocercospora)*
Cercospora beticola
Beta 11867
Beta vulgaris
sugarbeet 2816-2817, 4101
gene expression 8679
nucleotide sequences 8679
Cercospora eleusine, *Eleusine coracana* 9091
Cercospora janseana, *Oryza sativa* 4744
Cercospora moricola, *Morus* 9622
Cercospora sojina
Glycine max 7159, 8286, 10434
genetics 7158, 8287
heritability 7158
Cercospora zeae-maydis
Zea mays 4615
genetics 1379
Cercosporella albo-maculans, *Brassica,* Chinese cabbages, genetics 2547
Cercosporella rubi, *Rubus,* blackberries 7392
Cereals
artificial selection 11225
height 12072
nutritive value 10031
photosynthesis 12072
breeding 3154, 6679
history 12072
cold resistance 4529
cytology, techniques 11228
diseases 7879
fungi 7880
Fusarium 12213
gene banks 2120
gene mapping 1259, 4460
dehydrins 219
drought resistance 219
genetic markers 11225
genetic resources 2120, 3154
books 12067
genetic transformation, reviews 9088
genetics
Erysiphe graminis 7881
Magnaporthe grisea 7791
genomes 9086
genotype environment interaction, statistics 7877, 11229
Gibberella 12213
growth period 1255
haploidy, books 9919
hybridization, reviews 9090
in vitro culture 1262
books 9919
induced mutations, history 3259
molecular genetics 9086
Monographella nivalis 12213
polymerase chain reaction 11224
proteinase inhibitors 1261
quality, reviews 2128
random amplified polymorphic DNA, reviews 9089
restriction fragment length polymorphism 4460
snow moulds 4529
variety trials 1258
varieties 11223
Cerotelium fici, *Morus* 9622
Cerotoma arcuata, *Glycine max* 7163
Chalcone synthase (*see* Naringenin-chalcone synthase)
Chamaecyparis, evolution 9805
Chamaecyparis lawsoniana, chromosome morphology 9805
Chamaecyparis obtusa
chromosome morphology 9805
genetic variation, isoenzymes 9807
nucleotide sequences
allergens 2990
pollen 2990
random amplified polymorphic DNA, interspecific hybridization 1033
Seiridium unicorne 7653
Chamaecyparis pisifera
chromosome morphology 9805
random amplified polymorphic DNA, interspecific hybridization 1033
Chamaecytisus, growth period 11989
Chamaedorea
genetic resources 6382
taxonomy 9796
Chamaedorea binderi, taxonomy 6389
Chamaedorea coralliformis, taxonomy 6389
Chamaedorea dammeriana, genetic resources 6382
Chamelaucium
varieties
Blondie 4219
Madonna 4220
Painted Lady 4221
Revelation 4222
Chamelaucium megalopetalum, interspecific hybridization 4219-4222
Chamelaucium uncinatum
interspecific hybridization 4219-4222
pollination 6432
varieties
Cascade Brook 4218
Jenny Jane 6425
Jubilee 6426
Chamelaucium uncinatum *cont.*
varieties *cont.*
Kismet 6427
Muchea Mauve 6428
Chamomilla recutita
apigenin 8915
chromosome morphology 8911
persistence 11068
polyploidy 8911, 8915, 11068
seed production 7709
stability, essential oils 11068
variety trials 7709-7710
yield correlations 7719
Chaperonins
Arabidopsis thaliana
gene expression 4391
nucleotide sequences 4391
Secale cereale
gene expression 3409
nucleotide sequences 3409
Checklists, Fabaceae, books 4338
Chemicals (*see* under individual chemical names; Fungicides; Gametocides; Growth regulators; Herbicides; Mutagens; Nutrients; Pesticides; Plant composition; Toxic substances)
Chemotaxonomy
Acacia 2952
Achillea 3119
Aloe 5271, 12846
Blandfordia 9855
Callistemon viminalis 8818
Cyclopia 12829
Epipactis helleborine 11045
Epipactis veratrifolia 11045
Eucalyptus 4165, 8780
Fabaceae, books 1148
Fagus orientalis 968
Fagus sylvatica 968
Ferula 12050
Forsythia 9820
Genista 11005
Goodyera biflora 11045
Goodyera repens 11045
Gossypium 1872
Habenaria 11046
Herminium 3107
Linum 4150
Luffa acutangula 6168
Luffa aegyptiaca 6168
Lupinus 2407, 7111
Lupinus tassilicus 2407
Manihot 2511
Micromeria 4316
Nelumbo 10568
Ocimum basilicum 4304, 4307
Ocimum citriodorum 4304
Ocimum minimum 4304
Orchidaceae 3106
Pelargonium 5360
Pinus nigra 1003
Pistacia 4025
Poaceae 10344
Syringa 9820
Trisetum 8222
Vigna 1544, 10504
Vitis 11755
Chenopodium album
gene expression, cytokinins 395
mitochondrial genetics 396, 4753, 8187
nucleotide sequences
cytokinins 395
plasmids 5951
Chenopodium quinoa
development 12411
gene expression, potato leaf roll luteovirus 7230
genetic transformation, potato leaf roll luteovirus 7230
growth period 12411
proteins 4754
seeds 4754
Chenopodium rubrum, gene expression, β-fructofuranosidase 7066
Cherry leaf roll nepovirus
Juglans
genetic markers 1758
genetics 1758
Chiasmata (*see* Crossing over)
Chilling requirement
Betula pendula 2927

Chilling requirement *cont.*
Dianthus 5403
Pinus sylvestris 2927
Prunus armeniaca 707
Prunus persica 3961, 8490
genetics 5110
heritability 5110
Simmondsia chinensis 5199
computer programming 5206
mathematics 5206
temperate fruits 1718
Chilo auricilius, *Saccharum officinarum* 2795, 7541
Chilo infuscatellus, *Saccharum officinarum* 2798, 5216
Chilo partellus
Pennisetum glaucum 2301
Sorghum bicolor 2301, 5857
Zea mays 2286, 5839-5840
reviews 8103
Chilo sacchariphagus, *Saccharum officinarum* 2799
Chilo suppressalis, *Oryza sativa* 11444
Chimaeras
Agaricus bisporus 6552
Arabidopsis thaliana 72
Brassica 1773, 1780
Brassica napus
rape 1781
Erysiphe cruciferarum 5182
morphology 5182
Brassica oleracea, cabbages 1781
Camellia lutchuensis 12922
Camellia rusticana 12922
Capsicum annuum, cucumber mosaic cucumovirus 639
Zantedeschia 6494
Chimaphila japonica
genetic variation, isoenzymes 6528
population genetics 6528
Chionochloa macra, self compatibility 12428
Chionochloa pallens, self compatibility 12428
Chitin synthase, *Tuber,* nucleotide sequences 8932
Chitinase
Castanea sativa
gene expression 5166
nucleotide sequences 5166
Cicer arietinum, molecular genetics 503
Cucumis sativus
gene expression 3911
genetic transformation 3911
Daucus carota
gene expression 3911
genetic transformation 3911
genetics 6609
Gossypium hirsutum
gene expression 930
nucleotide sequences 930
Hevea brasiliensis, gene expression 12848
Medicago sativa, genetic transformation 424
Nicotiana tabacum
gene expression 7570, 9752
genetic engineering 3911
genetic transformation 7584
molecular genetics 6331
nomenclature 6609
nucleotide sequences 11160
Oryza sativa
gene expression 2314
genetic engineering 2314
Petunia, genetic engineering 3911
Phaseolus vulgaris
gene expression 6096
genetic engineering 3911, 6096
Pinus
gene expression 8797
nucleotide sequences 8797
Solanum tuberosum, gene expression 6091
Vitis vinifera
gene expression 12674
nucleotide sequences 12674
Zea mays, gene expression 10210
Chlorate, *Arabidopsis thaliana,* mutations 6649
Chlorimuron
Glycine max
gene mapping 6032, 11546
linkage 11546
restriction fragment length polymorphism 11546
Chlorine
Miscanthus ogiformis 9339
Miscanthus sinensis 9339
Chloris gayana
gamma radiation 2387
induced mutations, chlorophyll 2387
Chlormequat
Triticum aestivum 2155
Triticum durum 2155
Chlorophyll
Arabidopsis thaliana
genetic transformation 5546
mutations 5546, 9024
Arachis hypogaea, genetics 1824
Azolla, genetics 5482
Beta vulgaris, sugarbeet 6304
Brassica alboglabra 7287
Brassica juncea 8582
Chloris gayana, induced mutations 2387
Citrus sinensis, mutations 11775
conifers, chloroplast genetics 9799
Dendranthema morifolium, induced mutations 8807
Eleusine coracana
genetics 10283
induced mutations 8125
mutations 10283
Euphorbia lagascae, induced mutations 5207
Festuca pratensis, mutations 7082
gene expression 1190
Glycine max 3708
multivariate analysis 8269
mutations 11528
Gossypium hirsutum, genetics 8723
Helianthus annuus
genetics 10790
induced mutations 1806
mutations 849
somaclonal variation 10790
Hordeum vulgare 2131, 11313
cytoplasmic inheritance 3375
genetic variance 4553
genetics 3375
induced mutations 198, 8019
mutations 198, 2216, 6789
Linum usitatissimum, linseed, induced mutations 8586
Lolium perenne 11473
Lycopersicon esculentum, mutations 2575
Nicotiana tabacum 9747
genetic transformation 9736
Nigella sativa, induced mutations 9885
Olea europaea 4072
Oryza sativa 367, 369, 3605
induced mutations 5900
mutations 4726
somaclonal variation 4726
Pennisetum purpureum, induced mutations 5862
Phaseolus vulgaris, induced mutations 2447
Pisum sativum
artificial selection 3753
heterosis 3753
mutations 3753
Rosa hybrida, induced mutations 8807
Solanum tuberosum 11606
triticale, induced mutations 8065
Triticum aestivum 2131, 5625
combining ability 5628
gene expression 3321
heterosis 5628
mutations 3323
Vigna mungo, induced mutations 10511
Zea mays 2269, 11350
induced mutations 10220
mutations 9235
Chlorophyll *a/b* binding protein
Arabidopsis thaliana
gene expression 5556, 7808, 9003, 12151
nucleotide sequences 9003
Nicotiana plumbaginifolia
gene expression 6328
Chlorophyll *a/b* binding protein *cont.*
Nicotiana plumbaginifolia cont.
nucleotide sequences 6328
Nicotiana tabacum
gene expression 5243
genetic transformation 5243
Chlorophytum borivilianum
plant composition 13028
yield correlations 13028
Chloropicrin, *Fragaria ananassa* 3974
Chloroplast genetics 30, 3185, 12119
Actinidia deliciosa 10709
Aegilops, phylogeny 5661
Allium, phylogeny 6110
Amaranthus, phylogeny 1425
Amblyopyrum mutica, phylogeny 5661
angiosperms
evolution 100, 3279
NADH dehydrogenase 3277
ribulose-bisphosphate carboxylase 100
Arabidopsis thaliana, photosynthesis 12134
Argania spinosa 5202
Aristavena, taxonomy 9340
Avenella, taxonomy 9340
bamboos 7743
Brassica (×) *Raphanus* 7251
Cactaceae, phylogeny 1096
Ceanothus, phylogeny 11001
Chusquea 7743
Coffea, evolution 11869
conifers
chlorophyll 9799
phylogeny 10983
Coreopsis grandiflora 7852
Cornus, phylogeny 10718
Cucumis sativus 5068, 10629
Deschampsia, taxonomy 9340
evolution 2066
Fagopyrum 9316
Fagus sylvatica
gene flow 6371
phylogeny 6371
Flaveria, malate dehydrogenase 5404
forest trees, phylogeny 11919
Fumariaceae, phylogeny 12003
Glycine max 8258
Glycine soja 8258
grasses, phylogeny 3653
gymnosperms
evolution 100
NADH dehydrogenase 3277
ribulose-bisphosphate carboxylase 100
Helianthus, phylogeny 10794
Hordeum vulgare 194, 10106
transposable elements 2216
Ipomopsis aggregata, evolution 12002
Ipomopsis tenuituba, evolution 12002
Iris 5423
Larix gmelinii, taxonomy 1025
Larix kamtschatica, taxonomy 1025
Larix leptolepis, taxonomy 1025
Larix olgensis, taxonomy 1025
Lens, evolution 7183
Marchantia polymorpha, phylogeny 11214
Medicago sativa 1441
Monanthes, taxonomy 7708
natural selection 8986
Nicotiana tabacum
phylogeny 11214
ribosomal RNA 4115
nucleotide sequences 8984
Oenothera
evolution 6462
ribosomal RNA 6462
Orchidaceae
NADH dehydrogenase 1977
taxonomy 1977
Oryza, evolution 7018
Oryza sativa 9286
phylogeny 11214
ribosomes 3581
Panicum virgatum 9272
Phaseolus vulgaris 8301
phylogeny 11215
Pinus thunbergii 2966
phylogeny 11214

Chloroplast genetics *cont.*
Pistacia
evolution 12717
phylogeny 12717
Plantago lanceolata, cytoplasmic male sterility 7718
Pontederiaceae, phylogeny 1103
Porphyra purpurea, phylogeny 11214
Prunus cerasus, evolution 11731
Psilanthus, evolution 11869
Sedum, phylogeny 1983
Sinapis alba 10780
Solanum, tuberous species, taxonomy 12551
Spinacia oleracea 584, 3841
adenosinetriphosphatase 7296
Triticeae, phylogeny 7875
Triticum, phylogeny 5661
Triticum aestivum, photosynthesis 5627
Zea mays 8073
phylogeny 11214
Chloroplasts
Antirrhinum majus
mutations 1071
nucleotide sequences 1071
Arabidopsis thaliana
mitochondrial genetics 81
mutations 81, 2098, 9011
gene expression, reviews 3185
Lycopersicon esculentum
mutations 593
nucleotide sequences 593
Oryza sativa, gene expression 1402
Trifolium incarnatum, artificial selection 5983
Zea mays 300
mutations 1365
Chlorosis
Cucumis melo, mutations 3900
Erica 4227
Glycine max
genetic markers 9403
genetics 9403
Oryza sativa
gene expression 3623
genetics 11434
linkage 11436
Pieris 4227
Prunus 7382
Triticum aestivum
artificial selection 4508
genetics 10090
Vitis vinifera 779
Chlorotoluron
Nicotiana tabacum 1866
Triticum aestivum
gene mapping 4541
linkage 4541
restriction fragment length polymorphism 4541
Triticum dicoccoides
gene mapping 4541
linkage 4541
restriction fragment length polymorphism 4541
Chlorsulfuron, *Arabidopsis thaliana*, genetic engineering 7845
Choline, *Phaseolus vulgaris* 484
Choline kinase
Glycine max
gene expression 3702
nucleotide sequences 3702
Chondracanthus chamissoi
development 2008
sex 2008
Chorismate mutase
Arabidopsis thaliana, nucleotide sequences 2084
Lycopersicon esculentum
gene expression 591
nucleotide sequences 591
Chorismate synthase
Lycopersicon esculentum
gene expression 1650
molecular genetics 1650
Chromatids (*see also* Sister chromatid exchange)
Chromatomyia horticola, *Pisum sativum* 3763
Chromium, *Vigna radiata* 10518
Chromoplasts
Cucumis sativus
gene expression 5067
nucleotide sequences 5067
Chromosome aberrations
Aegilops × *Triticum* 122, 2145
Allium cepa 1599, 2519, 11627
Brassica × *Raphanus* 7252
Camellia sinensis 12799
Dendranthema morifolium 1063
Elymus × *Triticum* 122, 2145
Festuca pratensis 3659
Hamatocactus setispinus 3109
Hordeum vulgare 200-202, 204, 1319, 2213, 11201
Leymus chinensis 3661
Medicago sativa 11495
Musa 6217, 7407, 8518
Oryza sativa 1407, 10304
male sterility 7022
Phaseolus vulgaris 12487
Picea abies 10970
Secale × *Triticum* 2145
Setaria italica 3558
Solanum nigrum 3111
Sorghum bicolor 5847
triticale 6844
Triticum aestivum 124, 6714
Vicia faba 3720, 8294, 11547
Zea mays 5742, 5746, 6922, 10169
colour 9205
Chromosome addition
Aegilops × *Triticum*
fungi 10040
Mayetiola destructor 10096
quality 10040
Agropyron × *Triticum* 4483
Allium cepa 6107
Allium fistulosum 6107
Avena × *Zea* 9189
Beta patellaris 8671
Beta procumbens 8671
Beta vulgaris, sugarbeet 8671
Brassica, genomes 4039
Brassica alboglabra 8563
Brassica campestris 8563
Brassica napus 8563
rape
random amplified polymorphic DNA 8562
self incompatibility 8564
Brassica nigra, self incompatibility 8564
Brassica oleracea, self incompatibility 8564
Elymus × *Triticum* 2147-2148
Puccinia striiformis 180
Gossypium hirsutum, *Rotylenchulus reniformis* 11909
Gossypium longicalyx, *Rotylenchulus reniformis* 11909
Hordeum vulgare 8018
Erysiphe graminis 3386
growth period 12237
photoperiodism 12237
vernalization 12237
Hordeum × *Triticum*, *Tilletia controversa* 4465
Leymus × *Triticum*, aspartate aminotransferase 9114
Nicotiana plumbaginifolia 7574
Nicotiana sylvestris 7574
Secale cereale 11243
drought resistance 4463
Secale × *Triticum*
α-amylase 1347
drought resistance 4463
Tripsacum × *Zea* 1362
apomixis 4599
triticale, polysaccharides 6879
Triticum aestivum 2147, 11243
Erysiphe graminis 3386
growth period 12226, 12237
photoperiodism 12237
vernalization 12237
Zea mays, apomixis 4599
Zea × *Tripsacum* 1362
Chromosome banding
Aegilops comosa 1304
Aegilops mutica 1304
Aegilops ovata 4543
Aegilops tauschii 11244
Chromosome banding *cont.*
Aegilops uniaristata 1304
Aegilops × *Triticum*, genomes 7932
Alstroemeria 3078
Aristavena 9340
Avenella 9340
Camellia 9811
Capsicum 631
Deschampsia 9340
Drosera 6517
Elymus × *Triticum* 6716
Hordeum vulgare 2214
Hordeum × *Triticum* 10030
Phleum alpinum 2386
Picea abies 10971
Secale cereale 3404
Sternbergia lutea 11030
Sternbergia sicula 11030
Trillium 6493
triticale 6843
Triticum 12225
Triticum aestivum 11244
Vicia monantha 7108
Vicia sativa 7108
Vicia villosa 7108
Chromosome breakage
Aegilops cylindrica 3367
Aegilops × *Triticum* 4480
Hordeum vulgare 10104
Tradescantia 6519
Triticum aestivum 4480
Zea mays 5741, 5746
Chromosome disposition, *Hordeum* × *Triticum* 10030
Chromosome elimination
Elymus × *Triticum* 5618
Festuca × *Lolium* 8206
Hordeum vulgare 8021
Lycopersicon (×) *Nicotiana* 5009
Musa 7407
Nicotiana plumbaginifolia 914
Nicotiana tabacum 914
Onobrychis viciifolia 1481
Triticum × *Zea*, haploidy 2143
Chromosome fragments (*see* Aneuploidy)
Chromosome maps (*see* Gene mapping; Linkage)
Chromosome morphology 6667
Acacia, techniques 11944
Aconitum 4257
Aegilops comosa 1304
Aegilops mutica 1304
Aegilops uniaristata 1304
Aegilops × *Triticum* 122
Allium grayi 11626
Alstroemeria 3078
Amaranthus 12410
Arachis 10807
Artemisia 13024
Asparagus officinalis 8428
Brassica campestris 11797
Brassica carinata, cytoplasmic male sterility 829
Brassica chinensis 1614
Brassica napus 11797
rape 829
Brassica oleracea 11797
Camellia sinensis 6309, 12799
Camellia taliensis 6309
Capsicum annuum 11653
Capsicum frutescens 11653
Chamaecyparis lawsoniana 9805
Chamaecyparis obtusa 9805
Chamaecyparis pisifera 9805
Chamomilla recutita 8911
Cicer arietinum 10481
Colchicum luteum 7857
Coleus laciniatus 1999
Coleus parviflorus 1999
Crocus, DNA hybridization 9924
Cucumis melo 1691
Delphinium 4257
Dendranthema morifolium 6467
Elymus × *Triticum* 122
Genipa americana 10935
Genipa infundibuliformis 10935
gymnosperms 10969
Halimodendron-holodendron 7659
Hordeum vulgare 8020
Libocedrus decurrens 9806
Lilium, DNA hybridization 9924

Chromosome morphology *cont.*
Momordica cochinchinensis 2659
Myrtillocactus geometrizans 2724
Nicotiana tabacum 12813
Orchis tridentata 3099
Orchis ustulata 3099
Orychophragmus violaceus 4083
Oryza sativa 2325
Paeonia ostii 3055
Phaseolus 8304
Picea 2975
Picea abies 1903
Picea omorika 10969
Pinus elliottii 10966
Plantago 13025
Prosopis, techniques 11944
Ribes 1731
Secale montanum 6804
Sideritis 11900
Sophora moorcroftiana 977
Sporobolus indicus 2385
Stevia 7548
Thuja occidentalis 9806
Thuja plicata 9806
Trifolium repens 7857
Vicia faba 6666
Vigna 8354
Zamia acuminata 5326
Zamia cunaria 5326
Zamia ipetiensis 5326
Zamia manicata 5326
Zea mays 2261, 10183, 12317
sweetcorn 5737
Zingiber officinale 13036
Chromosome number
Aconitum 4257
Actinidia 11760
Allium 11629
Allium arvense 9528
Allium cepa 7262
Allium dregeanum 11629
Allium nutans 4948
Amaryllidaceae 7858
angiosperms 4438
Arachis 10807
Arecaceae 1890
Artemisia 13024
Atriplex billardierei 8191
Bignoniaceae 7858
Brassica (×) *Lesquerella* 4038
Brassica × *Orychophragmus* 11796
Brassica × *Raphanus* 7443
Brassica × *Sinapis* 7445
Calathea ovandensis 8910
Calceolaria 12985
Camellia sinensis 6309
Camellia taliensis 6309
Campanula patula 1059
Cleome 11998
Coleus laciniatus 1999
Coleus parviflorus 1999
Corynocarpus 11947
Costus 8910
Cucumis melo 1691
Dahlia coccinea 8875
Dahlia pinnata 8875
Dahlia rosea 8875
Delphinium 4257
Dendranthema morifolium 6467, 7675
Drosera 6517
Fabaceae 7858
Ferocactus 6518
Glycine 9370
grasses 9337
Gynostemma 10631
Hierochloe 3664
Hordeum vulgare
embryo culture 1317
tissue culture 1317
Ipomoea 7246
Iridaceae, evolution 12012
Leymus × *Triticum* 6711
Liliaceae 7858
Lilium formosanum 3091
Lobelia 3064
Maranta gibba 8910
Medicago orbicularis 9345
Medicago polymorpha 9345
Medicago scutellata 9345
monocotyledons 9063
Musa 6216-6217
Chromosome number *cont.*
Oryza sativa 1407
Panicum virgatum 1389
Parthenium argentatum 5276
Paspalum notatum 9335
Pelargonium 3025
Pennisetum 6989
Rubus 8498, 9602
Sideritis 11900
Solanum tuberosum, somaclonal variation 7222
Stromanthe macrochlamys 8910
Thymus 12043
Triticum 4478
Vitis vinifera 12672
Zea 3487
Zea mays 2261, 3487
Chromosome pairing 9061
Aegilops 3365-3366
Aegilops biuncialis 187
Aegilops × *Secale* 187
Aegilops × *Triticum,* genetics 3315
Allium porrum 7261
Arabidopsis thaliana
gene expression 4396
nucleotide sequences 4396
Arachis 4075
Brassica alboglabra 8563
Brassica campestris 8563
Brassica napus 8563
Brassica × *Orychophragmus* 6245, 11796
Cajanus cajan 12518
Cenchrus ciliaris 10361
Elymus hoffmanni 7085
Elymus repens 7085, 12425
somaclonal variation 2379
Elymus × *Triticum* 125, 6716
Eragrostis 3663
Eragrostis curvula 3663
Glycine max, male sterility 8264
Gossypium hirsutum 933-934
fluorescence *in situ* hybridization 935
mathematics 935
Hordeum vulgare, nucleocytoplasmic interaction 6786
Hyoscyamus 1987
Malus 7354
Nicotiana africana 4117
Nicotiana tabacum 4117
Oryza 5889
Oryza grandiglumis 2326
Oryza meridionalis 5889
Oryza sativa 1407, 2326
Papaver somniferum 1987
polyploidy 4439
reviews 1232
Rhododendron 12921
Secale cereale 1345, 9180-9181
Secale × *Triticum*
fluorescence *in situ* hybridization 6841
genetics 3315
Solanum, in situ hybridization 1566
Trichosanthes cucumerina, induced mutations 5074
triticale 11325
Triticum 4478
Triticum aestivum
gene mapping 11242
genetics 3315
polymerase chain reaction 11242
recombination 6715
Triticum durum
gene mapping 11242
polymerase chain reaction 11242
Triticum monococcum, recombination 6715
Vicia faba, induced mutations 8294
Vigna 2474
Vigna radiata 11584
Vigna umbellata 11584
Zea 3487, 10165
Zea mays 3487, 5740, 5743, 9204
gene mapping 10186
restriction fragment length polymorphism 10186
Chromosome substitution
Aegilops, stress 11282
Aegilops × *Triticum, Erysiphe graminis* 5649
Avena hirtula, Erysiphe graminis 225
Chromosome substitution *cont.*
Avena sativa, Erysiphe graminis 225
Hordeum vulgare, growth period 11227
triticale
isoenzymes 6858
prolamins 6858
quality 6881
Triticum
proteins 4501
quality 4501
stress 11282
Triticum aestivum 123, 133, 1294, 11246
amylose 3333
cold resistance 4514
drought resistance 4514
growth period 11227
hydroxamic acids 11251
stems 6728
stress 11282
yield components 7967
Triticum durum 1294
hybridization 5616
proteins 4501
quality 4501
Triticum timopheevii 3316
Chromosome translocation
Aegilops uniaristata 1304
Aegilops × *Triticum* 1276
Heterodera avenae 185
Beta, Heterodera schachtii 1838
Dasypyrum × *Triticum, Aceria tulipae* 1300
Elymus × *Triticum* 2148
Hordeum vulgare 1313
Phaseolus vulgaris 1512
Secale cereale 2237, 3404, 9058
Secale × *Triticum*
copper 156
nutrients 156, 12212
zinc 12212
triticale 2237, 6818
nucleolus organizer 6847
Triticum aestivum 124, 150, 2144, 2237, 5620, 9058, 10044, 11245
catalogues 5621
copper 156
Erysiphe graminis 174, 3361, 10083
gliadin 3361
glutenins 12258
Heterodera avenae 185
in situ hybridization 7931
nutrients 156, 12212
Puccinia recondita 174, 2198, 10083, 12276
Puccinia striiformis 8004
quality 12258
reviews 1297
zinc 12212
Triticum araraticum 5617
Triticum dicoccoides 5619
Triticum durum, salinity 3348
Triticum turgidum 7930
Triticum × *Zea* 3311
Zea mays 10173
apomixis 4600
genetic markers 5747
pollen germination 268
transposable elements 5747
Chromosome transmission
Brassica nigra, self incompatibility 8564
Elymus × *Triticum* 5618
Gossypium hirsutum 4138, 5257
Triticum aestivum, Erysiphe graminis 6764
Zea mays 1360, 9211
Chromosomes
books 5494
gymnosperms, techniques 9800
Hordeum vulgare, nomenclature 8022
Rosa 3039
Triticeae, fluorescence *in situ* hybridization 10027
Zea mays, techniques 10180
Chrysanthemum *(see also Dendranthema)*
Chrysanthemum coronarium, tissue culture 12997
Chrysanthemum frutescens, varieties, Camilla Ponticelli 1947
Chrysodeixis includens
Glycine max
genetics 6030

Chrysodeixis includens *cont.*
Glycine max cont.
heritability 6030
Chrysomela tremulae
Populus tremula, genetic transformation 12880
Populus tremuloides, genetic transformation 12880
Chrysophyllum cainito, genetic resources 8540
Chrysosplenium americanum
gene expression, methyltransferases 5454
nucleotide sequences, methyltransferases 5454
Chusquea, chloroplast genetics 7743
Chymotrypsin inhibitors
Erythrina variegata
gene expression 4182
nucleotide sequences 4182
Nicotiana tabacum
gene expression 10522
genetic transformation 10522
Psophocarpus tetragonolobus
gene conversion 7212
gene expression 10522
genetic engineering 10522
nucleotide sequences 7212
Cicer
anatomy 3770
genetic resources 11570
Heterodera ciceri 3771
morphology 11570
seeds 3770
Cicer arietinum
anatomy 3770
artificial selection, yield components 3767
Ascochyta rabiei 508, 4879, 6071, 8334, 9460
Callosobruchus chinensis 2470, 9461
chromosome morphology 10481
cold resistance 4878
combining ability, yield components 7190
crop density 9459
drought resistance 2468
esterases 10481
fungi 1536
Fusarium oxysporum 507, 509, 1537, 8335, 9460, 12517
gamma radiation 9454
gene mapping 7185
genetic resources 9447-9448
genetic transformation 1534, 6065, 12513
Bacillus thuringiensis 8336
Helicoverpa armigera 8336
genetic variance, yield components 3769, 6069, 7190
genetics
Botrytis cinerea 2469
habit 1535
genotype environment interaction 9459
nutritive value 506
seeds 506
yield components 7191, 12515
germination 9455
germplasm releases, growth period 9453
graft hybridization 11571
Helicoverpa armigera 8337, 9462-9464
heritability
quality 8333
yield components 4876, 6069, 7188, 9458, 10485
heterosis, yield components 12514
in vitro culture 1534
induced mutations, fertility 9454
interspecific hybridization 1535, 7185, 12514
irrigation 9459
leaves 3768
Macrophomina phaseolina 9460
Meloidogyne incognita 11520
molecular genetics 6067
chitinase 503
legumin 502
multivariate analysis, yield components 7186, 7189, 8331
nucleotide sequences, urate oxidase 6066
photosynthesis 3768
Phytophthora megasperma 1538
Cicer arietinum *cont.*
pleiotropy
determinate and indeterminate habit 9454
sterility 9454
polymerase chain reaction, legumin 6068
proteins 12516
quality 6070, 12516
regenerative ability 505
rooting capacity 2467
salinity 11571
seedlings 9455
seeds 3770, 4875, 9456
sowing date 4877
stability 10488
yield components 12515
starch 4875
stomata 2466
tannins 9456
tissue culture 505, 2467, 10487
variety trials 9449-9450, 10480
yield components 2466
yield correlations 504, 7187-7188, 8332, 9457, 10482-10484, 10486
yields 1537
varieties
Lasseter 8330
Privo-1 7184
Vijay 9452
Vishal 9451
Cicer echinospermum
heterosis, yield components 12514
interspecific hybridization 12514
Cicer microphyllum
stomata 2466
yield components 2466
Cicer reticulatum
gene mapping 7185
genetics, habit 1535
germplasm releases, *Heterodera ciceri* 7192
heterosis, yield components 12514
interspecific hybridization 1535, 7185, 12514
Cichorium intybus
development 2558
gene expression, nitrate reductase 1643
genetic transformation, fructan:fructan 6G-fructosyltransferase 7258
germination 2559
pollen 2558
pollen culture 3853
seed production 4998
tissue culture 4998, 6129
Cimicifuga foetida
multivariate analysis 5462
taxonomy 5462
Cinnamate 4-monooxygenase
Arabidopsis thaliana
gene expression 8990-8991
nucleotide sequences 8990-8991
Populus kitakamiensis, nucleotide sequences 4171
Zinnia elegans
gene expression 4253
nucleotide sequences 4253
Cinnamomum brachythyrsum, taxonomy 9888
Cinnamoyl-CoA reductase
Eucalyptus gunnii
gene expression 10902
nucleotide sequences 10902
Cinnamoyl CoA:NADP oxidoreductase, *Eucalyptus gunnii,* nucleotide sequences 7620
Cinnamyl-alcohol dehydrogenase
Aralia cordata, genetic engineering 5242
Eucalyptus gunnii
gene expression 10902
nucleotide sequences 10902
Nicotiana tabacum, genetic transformation 5242, 9734, 11876
Picea abies, heterozygosity 11969
Pinus taeda
genetics 12898
mutations 11958, 12898
Populus alba, genetic transformation 12875
Populus canescens
gene expression 10918
Cinnamyl-alcohol dehydrogenase *cont.*
Populus canescens cont.
genetic transformation 9785, 9789, 10918
promoters 9785
Populus tremula
gene expression 10918
genetic transformation 10918, 12875
Zinnia elegans
gene expression 9832
nucleotide sequences 9832
Circadian rhythm, *Arabidopsis thaliana,* gene expression 12151
Cirrhopetalum, taxonomy 13017
Cissus, nomenclature 13022
Cistus
interspecific hybridization 3036
taxonomy 3036
Cistus dansereaui, nomenclature 1922
Cistus lusitanicus, nomenclature 1922
Citrate synthase
Arabidopsis thaliana, genetic transformation 1703
Beta vulgaris
sugarbeet
gene expression 6677
nucleotide sequences 6677
Carica papaya, genetic transformation 9641
Cucurbita
gene expression 1703
genetic engineering 1703
Nicotiana tabacum
gene expression 6677
genetic transformation 9641
nucleotide sequences 6677
Populus
gene expression 6677
nucleotide sequences 6677
Citrullus lanatus
Acidovorax avenae 2627
artificial selection, seeds 2625
colchicine 6159
Colletotrichum orbiculare 1700
Didymella bryoniae 3901
Fusarium oxysporum 1701
genetic engineering
hydro-lyases 7337
serine *O*-acetyltransferase 7337
genetics
Colletotrichum orbiculare 1699
polypeptides 1698
seeds 1697, 2626
germplasm releases, watermelon mosaic 2 potyvirus 2628
microsatellites 3898
polyploidy 1696, 2627, 6159
quality 9578
variety trials 12632
watermelon mosaic 2 potyvirus 1702
varieties 5592
Citrus
breeding 2712-2713
books 7756
cell culture 9071
domestication 4001
embryo culture 798
essential oils 3999, 10741, 12693
fertility 5148
fruits 2720
gene expression, sucrose-phosphate synthase 795
genetic resources 7418, 11771
genetics
fruits 8522
plant composition 2718
quality 8522
haploidy 796
hybrid varieties 2716
induced mutations, seedlessness 7416
intergeneric hybridization 7414
interspecific hybridization 796, 2712, 2714, 2716, 4000, 5148, 7411-7412, 8522, 10741, 11773, 12691
isoenzymes 2719, 12691
methylmethionine sulfonium 4000
mitochondrial genetics 7412
nucleotide sequences
sucrose-phosphate synthase 795
sucrose synthase 6223
Phyllocnistis citrella 6225

Citrus cont.
plant composition 4000
plant introduction 7409
polymorphism, isoenzymes 4002
polyploidy 796, 11773
proline 9635
proline betaine 9635
protoplast culture 8523
protoplast fusion 5148, 7412, 7414
random amplified polymorphic DNA 5146
repetitive DNA, variety classification 12690
restriction fragment length polymorphism 794
variety classification 12690
rootstocks 8523
seedlessness 7411, 7416
taxonomy, books 7756
tissue culture 3998, 7418
Tylenchulus semipenetrans 5151
variety classification 12691
variety trials 2713
volatile compounds 4001
varieties 2712
Bellezza 2714
Desiderio 2714
Edelgard 2715
Tsunokaori 2716
Citrus aurantiifolia
fertility 5148
heritability
leaves 7417
stomata 7417
interspecific hybridization 5148
protoplast fusion 5148
Citrus aurantium, genetics, *Deuterophoma tracheiphila* 10744
Citrus limon
essential oils 12692
genetic transformation 3996
interspecific hybridization 11772
photosynthesis 5150
polyploidy 5150
protoplast fusion 11772
random amplified polymorphic DNA, variety classification 12688
Citrus maxima
centres of origin 6224
varieties, Wuheputaoyou 6222
Citrus paradisi, interspecific hybridization 796
Citrus reticulata
fertility 5148
fruits 792
gamma radiation 1749, 5149
genetics, habit 10743
germination 1749
interspecific hybridization 5148-5149
pleiotropy, habit 10743
pollen 5149
protoplast fusion 5148
variety trials 792
varieties
Binchuan Red 5144
Donghuamiju 10739
Nova SL 7416
Citrus sinensis
essential oils 10741
fertility 5148
fluorescence *in situ* hybridization, heterochromatin 2717
fruit cracking 10745
fruits 11770
gamma radiation 5149, 7415
gene expression, seeds 5145
genetic engineering, limonin 11774
genetic markers, seeds 5145
genetic resources 11770
genetics, habit 10743
glycosides 10742
hybrid varieties 2716
in vitro selection, salinity 11776
induced mutations 7415
interspecific hybridization 2716, 5148-5149, 10741, 11772
mutations 11770
chlorophyll 11775
variegation 11775
phenolic compounds 10742
photosynthesis 5150

Citrus sinensis cont.
plant introduction 6221
pleiotropy, habit 10743
pollen 5149
polyploidy 5150
protoplast fusion 5148, 11772
variety classification 10742
variety trials 7410
varieties
Huadu Seedless Anliucheng 5143
Tarocco Tapi 10740
Weller Red 793
Citrus tristeza closterovirus
Citrus × *Poncirus,* random amplified polymorphic DNA 7420
Poncirus trifoliata, random amplified polymorphic DNA 7420
Citrus* (×) *Microcitrus, protoplast fusion 5147
Citrus* × *Poncirus
gene mapping 8521
intergeneric hybridization 797, 7411, 7420, 8521, 12690
microsatellites 8521
ovule culture 797
random amplified polymorphic DNA, citrus tristeza closterovirus 7420
repetitive DNA, variety classification 12690
restriction fragment length polymorphism, variety classification 12690
seedlessness 7411
Cladosporium *(see also Cercospora; Fulvia; Venturia)*
Cladosporium iridis, *Iris* 5428
Clarkia breweri
gene expression
fragrance 1067
linalool 1067
nucleotide sequences, linalool 1067
Clarkia concinna
gene expression
fragrance 1067
linalool 1067
Clarkia gracilis
flowers 7677
pollination 7677
Clarkia mildrediae
gene expression
glucose-6-phosphate isomerase 9837
isoenzymes 9837
multiple genes
glucose-6-phosphate isomerase 9837
isoenzymes 9837
Clarkia pulchella, inbreeding depression 12981
Clarkia springvillensis, genetic variation, isoenzymes 3060
Clarkia tembloriensis
flowers 9834
leaves 9834
outcrossing 9834
Classification (*see* Taxonomy; Variety classification)
Clausena anisata, essential oils 4314
Clavibacter michiganensis
Lycopersicon esculentum 5036
genetics 5035
somaclonal variation 11646
Lycopersicon peruvianum 5036
genetics 5035
Clavibacter xyli, Saccharum officinarum 876-877, 6300
Claviceps
gene expression, alkaloids 9877
nucleotide sequences, alkaloids 9877
Secale cereale 8059-8060
Claviceps purpurea
Pennisetum glaucum
combining ability 6990
induced mutations 6990
Poa pratensis 3654
Cleistogamy, *Triticum aestivum* 12228
Clematis
varieties
Garden Surprise 3013
Jenny Keay 12915
South Cross 3013
Clematis aristata, interspecific hybridization 3013

Clematis gentianoides, interspecific hybridization 3013
Clematis montana, varieties, Starlight 8811
Cleome, chromosome number 11998
Cleome spinosa
androecium 11999
flowering 11999
Cleome violacea
androecium 11999
flowering 11999
Clerodendrum aculeatum
gene expression
proteins 7726
viruses 7726
nucleotide sequences
proteins 7726
viruses 7726
Climate 1164
Betula papyrifera 2928
Brassica juncea, artificial selection 4050
Phleum pratense 4757
Sorghum bicolor 12340
Trifolium pratense 4757
Clines, *Mentha spicata* 12044
Clitoria ternatea
ethyl methanesulfonate 11018
induced mutations 11018
mutagens 11018
polyploidy 11019
Clivia miniata
development 8870
ovules 8870
Clonal variation (*see also* Somaclonal variation)
Betula pendula, wood properties 9782
Castanea sativa 814
Fragaria ananassa, June yellows 2697
Hevea brasiliensis
gynoecium 949
isoenzymes 8770
Olea europaea 4066, 11825
Pelargonium, essential oils 13045
Picea abies, Heterobasidion annosum 2978
Picea glauca
cones 6405
seed production 6405
Picea mariana
cones 6405
seed production 6405
Pinus taeda, yield components 10957
Populus tremuloides
leaves 2943
plant composition 2943
Prunus armeniaca 672
quantitative traits 718
Prunus cerasus
anthocyanins 11721
fruits 11721
Taxus baccata, vegetative propagation 11981
Trifolium repens 9350
Vitis vinifera 3975, 10697
artificial selection 8509
colour 5125
fruits 5125
Cloroxine, *Zea mays* 10169
Clover mottle sobemovirus, *Trifolium subterraneum* 5986
Cnaphalocrocis medinalis, *Oryza sativa* 5942
Coccothrinax yunquensis
genetic resources 6388
taxonomy 6388
Cochlearia *(see also Armoracia)*
Cochliobolus carbonum
Zea mays
gene mapping 5835
restriction fragment length polymorphism 5835
Cochliobolus heterostrophus, Zea mays 3519
Cochliobolus miyabeanus, *Oryza sativa* 388, 1418-1419, 4744, 10337
Cochliobolus sativus
Hordeum vulgare 5681, 8038
Triticum aestivum 3357
artificial selection 9156
combining ability 7997
genetic variance 7997
genetics 7996

***Cochliobolus sativus* cont.**
Triticum aestivum cont.
heritability 7993
Triticum durum 7994
***Cochliobolus victoriae*, *Avena sativa*,** genetics 12098
Cocos nucifera
breeding 4065
drought resistance 6258, 10803, 11824
genetic resources 11823
history 1818
lipids 10803
plant introduction 1818
polymorphism, esterases 12751
random amplified polymorphic DNA 11823
somatic embryogenesis 12752
variety trials 10802
water balance 11824
***Codiaeum*,** tissue culture 6418
Codonopsis lanceolata
essential oils 8927
genetic variation, isoenzymes 8927
Coffea
breeding 2826
chloroplast genetics, evolution 11869
genetic resources 5233, 7555
genetic transformation 12803
haploidy 4107
Hemileia vastatrix 2829
in vitro culture 4107, 7555, 12803
Meloidogyne incognita 895
nucleotide sequences
phylogeny 10844
ribosomal DNA 10844
Perileucoptera coffeella 11873
restriction fragment length polymorphism, evolution 11869
Coffea arabica
cryopreservation 2828
embryo culture 4108
genetic resources 10842
interspecific hybridization 7554
isoenzymes 7554
kanamycin 11871
storage, seeds 2828
tissue culture 1845, 2828, 11871
variety trials 2827
volatile compounds 10843
Coffea canephora
anatomy 4109
artificial selection
canopy 11870
vigour 11870
yield components 11870
genetic markers, *Pratylenchus coffeae* 4109
plant hairs 4109
polyphenols 4109
Pratylenchus coffeae 11872
quality 1846
roots 4109
volatile compounds 10843
Coffea dewevrei
interspecific hybridization 7554
isoenzymes 7554
***Coffea magnistipula*,** taxonomy 6315
Coix
gene expression, DNA binding proteins 12409
nucleotide sequences, DNA binding proteins 12409
Coix lacryma-jobi
varieties
Hatohikari 8185
Hatojirou 8186
Taichung-1 2368
Colchicine
Citrullus lanatus 6159
Dendranthema morifolium 7675
Juglans regia 7429
Colchicum luteum
cell division 7857
chromosome morphology 7857
DNA 7857
Cold
Antirrhinum majus, gene expression 8856
Arabidopsis thaliana 9047
gene expression 4421
Brassica napus, rape, mutations 9670
Fragaria ananassa 5120
Cold *cont.*
Malus pumila, gene expression 10658
Nicotiana tabacum, mutations 9733
Oryza sativa, gene expression 3623
Solanum tuberosum
gene expression 8385, 9508
genetic transformation 9508
nucleotide sequences 8385, 9508
Cold resistance
Acer saccharum, gene expression 7549
Aegilops 12270
Allium porrum 11630
Arabidopsis thaliana
gene expression 3244, 4423, 4425
gene mapping 4424
genetic transformation 3244, 11190
induced mutations 3243
mutations 5567
Arachis 10815
Arachis hypogaea 10815
Brassica, Chinese cabbages, artificial selection 2545
Brassica campestris, turnip rape 828
Brassica napus
rape 828
artificial selection 7482
gene expression 839
polymerase chain reaction 839
Brassica oleracea, cauliflowers, *in vitro* selection 1630
Capsicum annuum 1686
Cenchrus ciliaris 8224
cereals 4529
Cicer arietinum 4878
Cucumis sativus
genetics 1712
mathematics 2653
Dactylis glomerata 10345
Elaeis guineensis 7502
Festuca pratensis, genetics 4772
gene expression 1165
Glycine max 4837
artificial selection 4840
gene expression 10429
nucleotide sequences 10429
Gossypium hirsutum 6350
techniques 2898
Hevea 5273
Hordeum spontaneum, genetics 1330
Hordeum vulgare
gene expression 8015
gene mapping 11316
genetics 1330, 4561
in vitro selection 4561
molecular genetics 1329
nucleotide sequences 8015
Lolium 11477
Lolium multiflorum 1435
Lolium perenne 2378, 4756, 4769
Lycopersicon esculentum 2583, 9567
gene expression 8441
Lycopersicon peruvianum 9567
Malus 9592
Malus pumila 3929
Medicago sativa
gene expression 7105, 8231
molecular genetics 3681
molecular genetics 1165
Nicotiana tabacum, genetic transformation 2850
Oryza rufipogon 4734
Oryza sativa 4735, 5924, 7054-7055, 9308, 11440
gene expression 7014
genetics 8172
heritability 8172
in vitro selection 12403
maternal effects 3628, 4736
nucleotide sequences 7014
restriction fragment length polymorphism 5923
somaclonal variation 383, 12403
Pennisetum glaucum, artificial selection 11397
Phleum pratense 4756-4757
Picea abies 4208, 9804
Pinus caribaea 6404
Pinus elliottii 6404
Pinus sylvestris 1902
Pisum sativum 4873-4874
Populus 4175, 10912
Cold resistance *cont.*
Prunus armeniaca 680, 727-728
artificial selection 12649
Prunus avium 11733, 12651
Prunus cerasus 11733
Prunus persica 3960-3961, 5111
gene expression 5112
nucleotide sequences 5112
Pyrus, genetics 5091
Rhododendron 5362
Rosmarinus officinalis 9898
Rubus idaeus, in vitro selection 5116
Saccharum officinarum 875, 9698, 12787
Secale cereale 7878
Sequoia sempervirens 2989
Solanum, tuberous species 2501, 3800
Solanum chacoense 7227
Solanum sanctae-rosae 7227
Solanum tuberosum 2501, 4919, 7227
in vitro selection 8386
Trifolium pratense 4756-4757, 10375
triticale 7878
Triticum aestivum 1293, 3356, 4513, 4516-4517, 4519, 4523, 4529-4530, 7878, 7987, 9148, 11281
artificial selection 4518
chromosome substitution 4514
gene expression 6750, 12271
gene location 4514
gene mapping 6750, 12272
genetics 4515, 10089
heritability 5643
in vitro selection 4515, 5643
mutations 5643
nucleotide sequences 12271
transgression 6723
Triticum dicoccoides 12270
Triticum durum 12270
Vigna unguiculata 9489
Vitis vinifera 768, 780-781, 10705
Zea diploperennis 12334
Zea mays 300-301, 2279, 3515, 4529, 4611, 4613, 9250, 11362-11363, 12331, 12333-12334
gene expression 8100
in vitro selection 299
plastoquinone 10257
Coleus laciniatus
chromosome morphology 1999
chromosome number 1999
Coleus parviflorus
chromosome morphology 1999
chromosome number 1999
***Colletotrichum* (*see also Glomerella*)**
Hevea
combining ability 6362
heritability 6362
Phaseolus vulgaris 484
Colletotrichum acutatum*, *Fragaria ananassa 5122
***Colletotrichum dematium*, *Pharbitis purpurea*,** paternal effects 6482
Colletotrichum lindemuthianum
Phaseolus vulgaris 1518, 10463
gene expression 12496
genetics 485, 9435
random amplified polymorphic DNA 11560
Colletotrichum orbiculare
Citrullus lanatus 1700
genetics 1699
Cucurbita, genetics 1699
Colletotrichum sublineolum*, *Sorghum bicolor 4633
Colletotrichum trifolii
Medicago sativa
gene expression 7106
nucleotide sequences 7106
***Collinsia heterophylla*,** genetics, variegation 3062
Colocasia esculenta
cryopreservation 9524
genetics, *Phytophthora colocasiae* 12573
heritability, yield components 12570-12571
multivariate analysis, yield components 12572
variety trials 7249
yield correlations 12569, 12571
varieties
Baigeng 7249

Colocasia esculenta cont.
varieties *cont.*
Honggeng 7249
Xianggeng 7249
Colour
Allium cepa 2523
genetics 8415
Alstroemeria 4280
Anemone coronaria, genetics 7678
Arabidopsis thaliana
genetics 5555
mutations 5555
Borago officinalis 5457
Brassica alboglabra
gene mapping 11806
linkage 11806
random amplified polymorphic DNA 11806
Brassica campestris
gene mapping 11806
linkage 11806
random amplified polymorphic DNA 11806
sarson, genetics 7464
Brassica carinata 8569
Brassica juncea, genetics 8574
Brassica napus 8569
Camellia chrysantha 3035
Capsicum annuum 3893
Cosmos bipinnatus, genetics 1065
Cucumis melo, genetics 1692
Cucumis sativus, artificial selection 12638
Cucurbita maxima, gene expression 2632
Cucurbita pepo
gene expression 2632
genetics 2631, 6162
Datura metel 4296
Daucus carota
artificial selection 12557
genetics 2505
Dendranthema morifolium, induced mutations 5400, 6467
Dendrobium 12021
Dianthus caryophyllus, genetics 6474
Doritis pulcherrima, mutations 13015
Eustoma grandiflorum, genetic transformation 6473
Fragaria vesca, genetics 10695
Glycine max 7143, 9384
genetics 6013, 10417
linkage 4841, 10405
mutations 10417
pleiotropy 9393
Helianthus annuus, genetics 848
Iris pumila 7689
Lathyrus sativus, genetics 446
Lavandula 7738
Lens culinaris, genetics 8322-8324, 10473
Lycopersicon esculentum, genetics 5014, 5027
Malus pumila, mutations 10659
Manihot esculenta, genetics 10554
Medicago sativa 12438
Mimulus, genetics 6470
Nicotiana tabacum, mutations 2843
Nigritella 4286
ornamental plants, genetic engineering 3000
Oryza sativa 4659
genetics 2337, 3593, 7034
Petunia hybrida
gene expression 11028
genetic engineering 6417
nucleotide sequences 11028
Phalaenopsis violacea, mutations 13015
Pharbitis nil, genetics 12994
Phaseolus vulgaris
genetics 3731-3732, 12490
induced mutations 2447
Pisum sativum 3759
Populus 8786
Pyrostegia venusta 9836
Pyrus communis 11679
Rhododendron catawbiense 5356
Rosa, techniques 12960
Secale × *Triticum* 3331
gene location 6855
genetics 6855
Solanum tuberosum 10539
Colour *cont.*
Triticum aestivum 3331
Vigna unguiculata, genetics 7200
Vitis vinifera
clonal variation 5125
mutations 5125
Zea mays
artificial selection 11347
chromosome aberrations 9205
DNA methylation 5793
gene expression 293, 5709
gene location 10216
genetic engineering 5784
genetics 5770, 5772, 5780, 5793, 5799, 10216, 10223
linkage 9215
maternal effects 5793
mutations 5780, 5797, 5799, 9235, 9256, 10216, 10223
nucleotide sequences 293
recombination 9229
Zinnia elegans, induced mutations 12983
Colutea arborescens, isoenzymes 7120
Colutea atlantica, isoenzymes 7120
Combining ability
Abelmoschus esculentus, yield components 1716, 2661, 3917, 10636
Anacardium occidentale
germination 5169
vigour 5169
Arachis hypogaea
nitrogen 6278
nutrients 6278
Beta vulgaris, sugarbeet, alcohol dehydrogenase 11865
Brassica campestris
sarson, yield components 7467, 7470, 12731
toria
quality 7479
yield components 12731
Brassica carinata
salinity 2748
yield components 2741, 2748
Brassica juncea
Albugo candida 8583
phenolic compounds 8583
yield components 2741, 4047, 8574, 9672, 12732
Brassica napus
yield components 2741
rape
nitrogen 8572
proteins 8572
yield components 9671
Brassica oleracea, cabbages, yield components 7288
Bromus inermis, yields 420
Cajanus cajan, yield components 3773, 9477, 10498, 11574
Capsicum annuum
quality 1685
yield components 9574-9575
Carthamus tinctorius, yield components 8600
Cicer arietinum, yield components 7190
Corchorus capsularis, quality 7610
Corchorus olitorius, yield components 4153
Cucumis melo
quantitative traits 8453
yield components 1694, 2618
Cucumis sativus, yield components 2651
Cucurbita pepo, yield components 10626
Daucus carota, yield components 2506
Eucalyptus grandis 10898-10899
Eucalyptus nitens, rooting capacity 8779
Eucalyptus urophylla 10898-10899
Gladiolus, Fusarium 12014
Glycine max, yield components 8274, 9376
Glycine soja, yield components 9376
Gossypium arboreum, yield components 7601
Gossypium barbadense
quality 8731
yield components 8731
Gossypium hirsutum
Fusarium 7607
quality 8731, 12835
seedlings 8725
Combining ability *cont.*
Gossypium hirsutum cont.
Verticillium dahliae 7607
yield components 2886-2887, 8729, 8731, 11905
yields 12834
Helianthus, yield components 1807
Helianthus annuus
Diaporthe helianthi 11821
moisture content 8592
senescence 8592
tissue culture 4062
yield components 1810, 7491, 8593
Hevea
Colletotrichum 6362
Corynespora 6362
Oidium 6362
Hevea brasiliensis
Corynespora cassiicola 8776
Glomerella cingulata 8776
latex 8772
Oidium heveae 8776
yield components 8772
Hibiscus sabdariffa, yield components 9776
Hordeum vulgare
growth period 5676
yield components 3378, 6790, 12287
Lagenaria siceraria, yield components 3914
Lathyrus sativus
quality 8247
yield components 8247
Lens culinaris
proteins 2464
seeds 2463
yield components 8326, 10475, 12512
Linum usitatissimum
flax, yield components 6355
linseed
quality 8589
yields 8589
Lycopersicon esculentum
fruits 9562
storage 9562
Malus, flowering 11674
Manihot esculenta, yield components 10555, 12562
Medicago sativa, nutritive value 5978
Nicotiana tabacum, yield components 9743, 9745
Oryza sativa
aluminium 1416
amino acids 2354
cytoplasmic male sterility 4692
iron 3606
manganese 3606
nutrients 3606
proteins 2354
quality 1413, 3615
toxic substances 1416
yield components 370, 3610, 4721, 11426
zinc 3606
Pennisetum glaucum
Claviceps purpurea 6990
Sclerospora graminicola 11396
yield components 3563, 6990, 11395-11396, 12348, 12352
Phaseolus vulgaris 7168
quality 12492
Pinus elliottii
Cronartium fusiforme 4198
height 4198
Pisum sativum
lodging 495
yield components 1526, 6059, 7179
Pleurotus cornucopiae 11095
Pleurotus florida 11095
Pleurotus ostreatus 11095
Pleurotus sapidus 11095
Pyrus communis, Erwinia amylovora 8477
Saccharum, yield components 2784
Saccharum officinarum, Ustilago scitaminea 9700
Secale cereale
Puccinia recondita 10132
yield components 3399
Sesamum indicum
oils 4082

Combining ability *cont.*
Sesamum indicum cont.
Orosius orientalis 7519
quality 4082
yield components 1828
yields 863
Solanum melongena, yield components 3888, 8447
Solanum tuberosum
Phoma exigua 4920
unreduced gametes 4907
yield components 9505
Sorghum bicolor
Atherigona soccata 10279
forage 2297
fungi 10277
physiology 11376
plant composition 2297
soil compaction 5854
statistics 6593
Theobroma cacao, yield components 9713
Trifolium pratense, Meloidogyne incognita 5987
triticale
quality 6880
yield components 6871, 6873
Triticum aestivum
chlorophyll 5628
Cochliobolus sativus 7997
development 7958
growth period 7947
harvest index 7958, 10055
height 11255
internodes 11255
nutrients 2181, 4507
phosphorus 2181, 4507
photosynthesis 5628
quality 146, 2168, 9138
salinity 9129
yield components 138, 2168, 3334-3336, 6733, 6735-6736, 7956, 7961, 7963, 9129, 12245
Triticum durum, yield components 1285
Vigna mungo, yield components 2479
Vigna umbellata, yield components 8361
Vigna unguiculata
proteins 8350
yield components 6075, 12525
yields 8350
Zea mays 251, 6919, 10140
anther culture 2273
Aspergillus flavus 10259
carotenoids 285
Cephalosporium maydis 6948
diseases 9253
forage 5808
Gibberella zeae 11367
lodging 3472
lysine 283
oils 2277
precocity 10204
proteins 2277
quality 5820
quantitative traits 5700
yield components 253, 2273, 3472-3473, 3476, 6937, 8091, 9238, 10141, 10226
yields 259, 280, 2277, 3457, 3477
Commiphora wightii
tissue culture 11063
varieties, Marusudha 11059
Compatibility
Aegilops × *Triticum,* random amplified polymorphic DNA 7927
Brassica oleracea, kale 12587
Lilium 9856
Lilium maculatum 9856
Macadamia 4021
Olea europaea 12753
Paspalum distichum 11483
Petunia 5414
Pleurotus 1130, 7750
Pleurotus pulmonarius 7750
Prunus armeniaca 701, 2675
Theobroma cacao 8683
Triticum timopheevii, random amplified polymorphic DNA 7927
Competitive ability
Allium vineale, natural selection 569
Amphibromus scabrivalvis 11492
Competitive ability *cont.*
Brassica campestris 830
Daucus carota 557
Lolium perenne 401, 1433, 9331
Pinus sylvestris 6403, 10960
Pisum sativum 1531
Trifolium repens 401, 1433, 9351
Triticum aestivum 3345, 4539-4540
Triticum durum 4539
Vigna unguiculata 7201
Zea mays 3493, 3499
Complementary genes (*see* Genetics; Multiple genes)
Composite varieties (*see also* Genotype mixtures)
Brassica napus, rape 7477
Pennisetum glaucum 4645
Computer programming 7
Beta vulgaris
sugarbeet
gene mapping 8673
linkage 8673
breeding 6592, 11129
experimental design 2034-2035
genetic distance 89
genetic markers, recombination 5577
genetic variation 12084
genetics 9056
quantitative traits 10401
molecular genetics 12116
multivariate analysis 7853
nucleotide sequences, books 5493
Prunus avium, artificial selection 11691
Simmondsia chinensis
chilling requirement 5206
dormancy 5206
stability 9932
taxonomy 7868
Triticum aestivum 114
Vitis vinifera 1740
Zea mays, genetics 254
Computer software
gene mapping 8959
genetic resources 9928
Cones
Picea abies 4205-4206
Picea glauca, clonal variation 6405
Picea mariana, clonal variation 6405
Conferences
Adaptation in plant breeding 1153, 1158, 1163-1164, 1255, 1260-1261, 1292-1293, 1296, 1306, 1328-1329, 1333, 1335, 1339-1340, 1348-1349, 1376, 1410, 1428, 1433-1434, 1445, 1466, 1508, 1516, 1878, 1892, 1902, 1904, 2016, 7854, 7984, 8386, 8952
apomixis 4332
Apomixis and taxonomy 3261, 3267-3268, 3943-3944, 3964, 4285, 4332
Arachis hypogaea, breeding 13059
Australasian perennial grass workshop 8058, 8193-8195, 8945
Australian sorghum conference 5848, 5851, 5853, 6953, 6957-6960, 6962, 6968, 6970-6971, 6973-6975, 6978-6979, 7753, 9270-9271
Basic and applied aspects of seed biology 9976, 10019, 10199, 11108
Beltwide cotton conferences 2857-2862, 2865-2867, 2870-2873, 2875, 2879-2884, 2889-2898, 2900, 2904, 3141, 5259-5260, 6351, 8707-8710, 8713-8716, 8718-8720, 8724-8727, 8730-8732, 8734-8743, 8745-8746, 10877, 11906-11907
Biodiversity of African plants 9074-9075, 9487, 9496, 9818, 9925, 9927, 10749, 10842, 11107
Biology of plant-microbe interactions 11135, 11139-11140, 11150-11153, 11191, 11193-11194, 11497, 11510, 11519, 11543, 11568, 11644-11645, 11647-11648, 11880, 12062
breeding 2016
diseases 8947
Brighton crop protection conference, pests and diseases 9938, 9993, 10079-10080, 10087, 10461
crops
biotechnology 5492
breeding 5491-5492, 7755, 13057
Conferences *cont.*
crops *cont.*
gene mapping 8949
genetic resources 5491
genetics 7755
Cultivar improvement of horticultural crops: vegetable crops 1515, 1520, 1567, 1597, 1605-1606, 1610, 1614, 1616, 1624, 1627, 1629, 1644, 1656-1657, 1685, 1689-1694, 1696-1701, 1705, 1712, 1995, 2017, 2370, 2502, 2512-2513, 2518, 2520-2521, 2525, 2531, 2536-2545, 2547-2549, 2555-2556, 2580-2581, 2588-2590, 2601-2604, 2635-2636, 2638, 2651, 2654, 2657, 2735, 2746
Cultivation and improvement of officinal plants 7688-7689, 7709-7710, 7719, 7730-7731, 7733-7734, 7737-7738, 7752, 8508, 8904, 8907-8908, 8911, 8914-8915, 8921-8925, 11083
cytology 2018
drought resistance 5486
Drought tolerance in higher plants 4356-4363, 4428, 5486
Drought-tolerant crops for southern Africa 4346, 4455-4459, 4621-4623, 4625-4626, 4628-4629, 4631-4632, 4634, 4636-4637, 4643-4650, 4653, 5487
embryo culture 8943
Ficus, pollination 4330
gene expression, abscisic acid 5490
genetic engineering 12061
genetic resources 13056
information processing 9912
genetics 3139, 6562
Genome mapping of horticultural crops 7869, 8257, 8410, 8469, 8479, 8949
grain legumes, genetic resources 2015
horticultural crops
breeding 2012
genetics 2012
Hulled wheats 9094-9099, 9122, 9136-9137, 9141-9143, 9911
III Latin American and XVI Andean maize meeting 3427-3431, 3433-3435, 3439-3444, 3446-3447, 3453, 3458, 3461, 3468, 3470-3471, 3475-3479, 3484-3485, 3487-3489, 3496-3506, 3512-3518, 3520-3528, 3531-3533, 4327-4328
in vitro culture 3140
Industrial crops and products 12777-12778, 12845
Insect-plant interactions 11444, 11656, 11873, 11875, 12060
International asparagus symposium 4972-4997, 5485, 6125-6128
International cherry symposium 11687-11699, 11701-11705, 11707-11713, 11715-11726, 11728-11729, 11731-11737, 12058
International conference on jojoba and its uses 5199-5201, 5203, 5206, 5208-5209, 5212, 5484
International conference on new industrial crops and products 2856, 4448, 4795, 4814, 5183, 5205, 5207, 5210, 5264-5268, 5274, 5276-5277, 5457
International conference on polyphenols 9934, 10202, 10504, 10902, 10918, 11005, 11014, 11024
International peach symposium 6195, 8478, 8482-8484, 8486-8497, 8942
International protea research symposium 3003-3006, 3026-3027, 3030-3031, 3034, 3038, 3138
International symposium on apricot culture 673-687, 689-694, 696-729, 731, 733-739, 742, 1137
International symposium on fruit production in the tropics and subtropics 1718, 1744-1747, 2011
International symposium on fruit tree virus diseases 22, 669-671, 732, 743-745, 748, 922, 925, 1140
International symposium on medicinal and aromatic plants 9870-9871,

Conferences *cont.*
International symposium on medicinal and aromatic plants *cont.* 9892, 9895, 10571, 11057, 11068-11069, 11073, 11105
International symposium on pistachio nut 4018-4019, 4022-4025, 4329
International symposium on pollination. Pollination: from theory to practise 12171-12175, 12444, 12478, 12648, 12662, 12709, 12865, 13053
International symposium on roses 12100, 12926-12930, 12952-12971, 13054
International symposium on rye breeding and genetics 3291, 3398-3399, 3401-3404, 3406-3408, 3410-3423, 4331
International symposium on solanacea for fresh market 4452, 4897, 5001, 5003-5004, 5014, 5016, 5018, 5021, 5024-5027, 5030-5032, 5035-5037, 5042, 5047, 5049, 5054, 5060-5061, 5483, 6131, 6144
International symposium on the genus *Lilium* 3082-3098, 3142, 5430-5433
International symposium on tropical fruits 9625, 9633, 9637, 9639, 9643-9647, 9651-9653, 9908
International workshop on fire blight 8467-8468, 8472, 8477, 8948
IUFRO World Congress 10956, 10969-10971, 10978, 11106
Japanese Society of Sugar Beet Technologists 5194, 5218-5219, 5221-5222, 5227, 5488
Kew chromosome conference IV 1187, 1232-1239, 1259, 1315-1316, 1327, 1338, 1512, 1566, 1600, 1648, 1854, 1890, 1969, 1971, 1987, 2018
Medicago sativa
breeding 5489
genetics 5489
Mediterranean olive cultivation: status and prospects of cultivation and research 11827-11831, 11833, 11835, 12059, 12753-12754, 12756, 12758-12761, 12763
Molecular genetic techniques for plant genetic resources 12075-12078, 12082-12083, 12115-12117, 12363, 12588, 12682, 13048, 13056
molecular genetics 3140
Musa
breeding 4326
genetic resources 4326
Ninth crucifer genetics workshop 1203, 1223, 1589, 1602-1604, 1609, 1612-1613, 1615, 1618-1623, 1628, 1630, 1632-1635, 1637-1638, 1762, 1765, 1769-1770, 1773-1774, 1780-1781, 1783, 1785, 1792, 1795, 2019, 7293
Ornamental plant improvement 6166, 6331, 6342, 6416-6419, 6431, 6438, 6441, 6460-6461, 6463-6464, 6466, 6472-6475, 6478-6479, 6484-6488, 6492, 6495, 6500, 6505, 6559, 7667, 7674, 7678, 7692, 8805, 8872-8874, 8880
phenolic compounds 11104
Photosynthesis: from light to biosphere III 3202
Physiological and molecular aspects of the breeding of *Hevea brasiliensis* 8753-8757, 8760-8772, 8774-8776, 8950
physiology 3139
Plant breeding for resistance to biotic stresses 7754, 12093-12099, 12101-12103, 12154-12155, 12202, 12827
Plant Embryologists of Czech Republic, Slovakia and Poland 7861, 8082-8083, 8095, 8209, 8407, 8412, 8437, 8585, 8695, 8699, 8783, 8802-8803, 8845-8847, 8851, 8870, 8876, 8899, 8943
Plant roots — from cells to system 5522, 5550-5551, 5564, 6561
Plant-soil interactions at low pH: principles and management 112, 163-165,

Conferences *cont.*
Plant-soil interactions at low pH: principles and management *cont.* 302, 378, 384, 402, 422, 428, 437-439, 450, 468, 1141
Population genetics and genetic conservation of forest trees 812, 815, 896, 948, 952-954, 957, 962, 968, 970, 973, 976, 984-989, 991-992, 995-998, 1003, 1009, 1011, 1013, 1018, 1021-1022, 1027, 1029, 1139
Postharvest physiology of ornamental plants 1050-1051, 1064, 1082, 1085, 1138
Priorities in plant systematics research in southern Africa 1245-1250
Problems and prospects of agricultural research and development in north-east India 12073, 12199, 12356-12357, 12373, 12397-12398, 12620, 12639, 12731, 12799-12800, 13055
Protein phosphorylation in plants 9001, 9031-9033, 9060, 9078, 9107, 9177, 9188, 9344, 9383, 9910
Prunus, breeding 8942
Regional tea research seminar 6308, 6311-6313, 6560
Research and development of potato production in Pakistan 1559-1563, 1572-1574, 2014
Resistance breeding for nematode, Fusarium and Sigatoka 10719-10722, 10725, 10727, 10729-10738, 11109
Rosa, breeding 13054
Saccharum officinarum 8946
Secale cereale
breeding 4331
genetics 4331
Somatic cell genetics and molecular genetics of trees 12416, 12713, 12850-12851, 12853-12855, 12857, 12860, 12863-12864, 12866-12867, 12870-12872, 12874-12875, 12878-12880, 12883, 12890, 12892-12895, 12897, 12899, 12901-12905, 12908-12909, 12924, 13058
Sterility in wheat in subtropical Asia: extent, causes and solutions 7933-7943, 7981, 8944
storage, seeds 11108
Sugar 2000 Symposium 8622-8626, 8640-8647, 8650-8657, 8659-8660, 8666-8670, 8946, 9694
Symbiotic nitrogen fixation 9085, 9356, 9366, 9400-9401, 9405, 9909
Taxonomy, karyology and distribution of grasses in Poland 8222-8223, 8951, 11469-11470, 11476, 11482
Triticum, genetic resources 9911
Tropical crop breeding 12080, 12184, 12193, 12346, 12364, 12411, 12417-12418, 12484, 12560, 12563, 12566, 12618, 12683, 12686, 12803, 12838, 12848, 13057
tropical fruits, quality 9908
West Indies Sugar Technologists 8616-8619, 8639, 8665, 8941
White clover: New Zealand's competitive edge 1426, 1450-1452, 1454, 1459, 1461-1464, 1467-1469, 2013
Wildland shrub and arid land restoration 6567, 6575-6576, 6617, 7069, 7751
Zea mays, breeding 4327-4328
Conglutin
Lupinus angustifolius
gene expression 12448
nucleotide sequences 12448
Nicotiana tabacum
gene expression 12448
genetic transformation 12448
β-Conglycinin
Arabidopsis thaliana, genetic transformation 12463
Glycine max
gene expression 12463
gene mapping 10407
induced mutations 466
Nicotiana tabacum, gene expression 6320

Conifers
chloroplast genetics
chlorophyll 9799
phylogeny 10983
gene expression 7646
genetic resources 2960
genetic transformation 7646
genetic variation 6392
pollination 10949
polyploidy 10948
seed production 6392, 10949
Coniothyrium fuckelii, Rosa 12968
Conservation, cytology 1233
Controlling elements (*see* Transposable elements)
Convallaria majalis, embryology 5425
Copiapoa
altitude 5443
spines 5443
Copper
Arabidopsis thaliana 11189
Festuca rubra 10357
Secale × *Triticum*, chromosome translocation 156
Triticum aestivum, chromosome translocation 156
Coppicing
Populus 959, 4173
Salix 959
artificial selection 12881
Coprinus cinereus
DNA ligase 9906
evolution, recombination 9549
meiosis 9906
mutations, nutrients 2005
nucleotide sequences
galectins 7745
recombination 9549
polymerase chain reaction 9903
protoplast fusion 2005
recombination 9903
Coprosma repens, varieties, Rainbow Suprise 3020
Corchorus
Spilarctia obliqua 2906
taxonomy 4154
Corchorus capsularis
combining ability, quality 7610
genetics, anthocyanidins 4152
heterosis, roots 4151
induced mutations, roots 4151
Macrophomina phaseolina 10887
tissue culture 9775
yields 10887
varieties, Rajendra Sada Pat-1 10886
Corchorus neocaledonicus, taxonomy 5263
Corchorus olitorius
combining ability, yield components 4153
development 8748
genetics
flowers 7609
leaves 7609
heterosis, seeds 1874
induced mutations
flowers 7609
leaves 7609
Macrophomina phaseolina 2905, 10887
maternal effects, endosperm 12842
tissue culture 9775
yield components 8748
yields 10887
Coreopsis grandiflora, chloroplast genetics 7852
Coriandrum sativum, genetic resources, books 3144
Cornus
chloroplast genetics, phylogeny 10718
Discula destructiva 1895
Cornus mas, genetic resources 11764
Cornus peruviana, taxonomy 8515
Coronilla, pollen 11513
Coronilla varia
acid phosphatase 3693
esterases 3693
isoenzymes 3693
proteins 3693
variety classification 3693
Corticium (*see also Thanatephorus*)
Corticium rolfsii
Phaseolus vulgaris 2453

Corticium rolfsii *cont.*
Solanum melongena 625
Corydalis
evolution 9882
nomenclature 6480
taxonomy 9882, 9884
Corydalis yanhusuo, polyploidy 3113
Corylus
rootstocks 652
varieties 652
Corylus avellana
Anisogramma anomala 6239
DNA fingerprinting 1760
DNA hybridization, self incompatibility 1759
genetics, self incompatibility 7431
variety trials 10761
yield correlations 11786
Corylus colurna
germination 6238
storage, seeds 6238
Corynespora
Hevea
combining ability 6362
heritability 6362
Corynespora cassiicola
Hevea brasiliensis
combining ability 8776
heritability 8776
Corynocarpus, chromosome number 11947
Cosmopolites sordidus, *Musa* 2711, 6220, 9634
Cosmos bipinnatus
genetics
colour 1065
flowers 1065
Costus, chromosome number 8910
Costus osae, taxonomy 12039
Costus ricus, taxonomy 12039
Costus speciosus, tissue culture 13034
Cotyledons, *Glycine max,* genetics 6013
4-Coumarate-CoA ligase
Nicotiana tabacum
gene expression 2832, 2851
genetic transformation 12815
nucleotide sequences 2832
Oryza sativa, genetic engineering 10296
Petroselinum crispum, gene expression 2851
Pinus taeda
gene expression 8796
nucleotide sequences 8796
Vanilla planifolia, nucleotide sequences 12041
Nicotiana tabacum
gene expression 7579
genetic transformation 7579
Coumarin, *Heracleum candicans,* heritability 13030
Cowpea chlorotic mottle bromovirus
Nicotiana benthamiana
genetic transformation 12824
recombination 12824
Vigna unguiculata
genetic transformation 12824
recombination 12824
Cowpea mosaic comovirus
Nicotiana benthamiana, genetic engineering 6341
Vigna unguiculata 8351
Cowpea severe mosaic comovirus, *Vigna unguiculata,* genetics 10508
Crambe abyssinica, heritability, yield components 12777
Crataegus
androecium 3944
gynoecium 3944
taxonomy 3944
varieties, Xihong 10669
Crataegus douglasii
evolution 10670
taxonomy 10670
Craterostigma plantagineum
gene expression
abscisic acid 12005
drought resistance 12005
water balance 4264
nucleotide sequences 4254
Creontiades dilutus, *Gossypium* 11910
Crescentia cujete, pollen germination 11949
Crinum asiaticum, tissue culture 3080
Crocosmia
geography 7694
taxonomy 7694
Crocus
DNA hybridization, chromosome morphology 9924
genetic resources 3074
in situ hybridization 1969
interspecific hybridization 1969
variety trials 1080
Crocus biflorus
interspecific hybridization 9850
varieties 9850
Crocus chrysanthus
interspecific hybridization 9850
varieties 9850
Crocus sativus, tissue culture 1115
Cronartium fusiforme
Pinus 1006
Pinus elliottii 5314
combining ability 4198
random amplified polymorphic DNA 10966
Pinus taeda 2969
Cronartium quercuum
Pinus elliottii
genetics 5318
heritability 1007, 5318
Cronartium ribicola
Pinus monticola
artificial selection 1005
heritability 1005
Ribes 10692
Crop density
Brassica campestris, turnips 1590
Cajanus cajan 11575
Cicer arietinum 9459
Cucumis sativus 2652
Glycine max 7140, 11538-11539
Gossypium hirsutum 9765
Lesquerella fendleri 9693
Linum usitatissimum
flax 11913
linseed 11913
Malus pumila 6172
Musa 9629-9630
Oryza sativa 8171
Pisum sativum 11561
Prunus persica 8495
Secale cereale 4579
Solanum viarum 8917
Vicia faba, artificial selection 6035
Vigna unguiculata 1543
Zea mays 3495, 3503, 8081, 9248, 11357
Crop mixtures 1163
Amphibromus scabrivalvis, Lolium perenne 11492
Lolium multiflorum, Hordeum vulgare 2377
Lolium perenne 401, 1433, 7074, 9331
Hordeum vulgare 2377
Phaseolus vulgaris, Zea mays 1516
Trifolium repens 401, 1433, 7074, 9351, 11504
Vigna unguiculata, Manihot esculenta 1545
Crops
artificial seeds 11210
artificial selection
height 12072
insects 3166
photosynthesis 12072
salinity, reviews 12090
biosafety 1182
biotechnology, conferences 5492
breeding 2025-2026, 3154, 4448, 12184
books 5498
conferences 5491-5492, 7755, 13057
history 6558, 12072
centres of diversity, books 5500
fungi 1167, 3164
gene banks 5509-5510, 9930
gene expression
drought resistance 4356
photosynthesis 605
gene mapping 12079
conferences 8949
genetic engineering 27, 10014
biosafety 8977
herbicides 25, 2053, 4366
insects 3166
Crops *cont.*
genetic engineering *cont.*
lignin 4755
phenolic compounds 4755
stress 6603
viruses 22, 5515
genetic markers
diseases 7778
fluorescence 5518
isoenzymes 2070
seed testing 2070
variety classification 2070
genetic resources 1159, 2027, 3154, 4448, 5506, 5510, 7771, 8958, 9930, 10016, 12079
books 13062-13063
conferences 5491
genetic transformation 1182, 1186, 7806
Bacillus thuringiensis 6608, 6618
bacteria, reviews 3163
biosafety 39, 9956
cucumber mosaic cucumovirus 23
pests 6608, 6618
phytochrome 9947
viruses 9940
books 1146
genetics 2025
bacteria 7785
conferences 7755
fungi 7785
history 3153
Orobanche 7795
pathogens 2045
Striga 7795
genomes, books 11120
genotype mixtures 1167
pathogens 7781
haploidy, books 4339, 9920
hybrid varieties 2108
in vitro culture, books 4339, 5498, 9920
in vitro selection, fungi 12099
induced mutations, history 3259
intergeneric hybridization 1242
molecular genetics 4372
books 11120
pathogens 7780, 7786
phylogeny 7866
ribosomal RNA 7866
self incompatibility 1240
mutations, pathogens 7780
nomenclature, dictionaries 9917
nutrients 3352
physiology, history 3153
plant introduction 4346
polymerase chain reaction 8974
phylogeny 7866
ribosomal RNA 7866
random amplified polymorphic DNA 10019
regenerative ability 12179
seed moisture 10021
seed production 2026, 4346, 10016
somaclonal variation 1242
storage, seeds 10021
synthetic varieties, statistics 5699
tissue culture 10014, 12179, 12199
techniques 4445
variety classification, books 9918
variety trials 10
zinc 3352
varieties 3152, 4449, 9076-9077
Crossing over
Allium porrum 567
pathogens 8102
Secale cereale 9180
Zea mays 9204
Croton
pollen 1100
taxonomy 1100
Croton sublyratus, tissue culture 7722
Cruciferae (*see* Brassicaceae)
Cryopreservation 2111
Actinidia deliciosa 3988, 12680
Amaranthus powellii 6670
Armoracia rusticana 7744
Beta vulgaris, sugarbeet 10838
Brassica 1762
Coffea arabica-2828
Colocasia esculenta 9524
Datura fastuosa 6670
Dioscorea 10566

Cryopreservation *cont.*
forest trees 4157
Glycine max 6670, 10422
Gossypium hirsutum 941, 6670
Guazuma crinita 12887
Ipomoea batatas 560
Lavandula angustifolia 12048
Lolium perenne 3655
Malus 10648
Malus pumila 10648
Manihot esculenta 10556
Musa 2710, 12685
Nicotiana glutinosa 6670
Nicotiana tabacum 6670
Oryza sativa 331
Prunus persica 12652
Pyrus communis 11678
reviews 11208
Ribes nigrum 12660
Rosa multiflora 4245, 12930
Saccharum officinarum 10830
Solanum, tuberous species 4915
Solanum tuberosum 6088, 10523
Zea mays 4596
Cryptochrome
Arabidopsis thaliana
gene expression 2085
genetic transformation 2085
Cryptomeria japonica
development 11984
flowers 7649
gene mapping 10983
genetic markers 10983
genetics, isoenzymes 5327
linkage
height 5327
leaves 5327
sex 7649
Cryptosporella *(see also Phomopsis)*
Cucumber mosaic cucumovirus
Capsicum 6131, 7333
Capsicum annuum 628, 2613, 5059, 7333
chimaeras 639
gene mapping 7332
genetic transformation 1644, 7327
random amplified polymorphic DNA 7332
restriction fragment length polymorphism 7332
crops, genetic transformation 23
Cucumis melo, genetic transformation 12631
Cucumis sativus
genetic transformation 1713
genetics 2656
Cucurbita pepo 11660
Lupinus 10387
Lycopersicon 6131
Lycopersicon esculentum
artificial selection 2590
genetic transformation 1644
Nicotiana tabacum 4131, 6337, 9756
genetic transformation 23, 923-924, 928, 4130
Vigna unguiculata, genetics 1547
Cucumis
microsatellites 3898
Pseudomonas syringae 8451
Cucumis hystrix, interspecific hybridization 2646
Cucumis melo
Bemisia argentifolii 5064
benzyladenine 2617
chromosome morphology 1691
chromosome number 1691
combining ability
quantitative traits 8453
yield components 1694, 2618
cucurbit aphid-borne yellows virus 6158
Didymella bryoniae 12630
embryo culture 10622
fertility 7334
forchlorfenuron 2617
gamma radiation 10622
gene banks, catalogues 8452
gene expression
ACC oxidase 7335
ethylene 7335
growth regulators 7335
ripening 6155, 7335, 9576
Cucumis melo *cont.*
genetic markers
Fusarium oxysporum 2621-2622
Sphaerotheca fuliginea 2621-2622
genetic transformation
ACC oxidase 642, 7335
cucumber mosaic cucumovirus 12631
ethylene 7335
growth regulators 7335
ripening 7335
salinity 6157
watermelon mosaic 2 potyvirus 12631
zucchini yellow mosaic potyvirus 12631
genetic variance, *Pseudoperonospora cubensis* 643
genetic variation, isoenzymes 8450
genetics
colour 1692
fruits 6156
regenerative ability 5062
sex 1692
Sphaerotheca fuliginea 2623
sugars 6156
zucchini yellow mosaic potyvirus 7336
growth regulators 2617
haploidy 10622
harvesting 10623
heritability, *Pseudoperonospora cubensis* 643
heterosis
fruits 1693
waterlogging 1689
yield components 1694, 2618
hybrid varieties 10619, 10624
in vitro culture 2622
Liriomyza trifolii 5065, 11656
male sterility 641
multivariate analysis 8450
mutations
chlorosis 3900
iron 3900
nutrients 3900
nucleotide sequences, ripening 6155
parthenocarpy 2617
pollen 641
pollen germination 7334
polyploidy 10621
Pseudoperonospora cubensis 5063
quality 2620, 3899, 9577, 10623
random amplified polymorphic DNA 8450
Fusarium oxysporum 2624
regenerative ability 2622
RNA, techniques 10620
salinity 12629
temperature 2623
tissue culture 1695, 2619, 10621, 12628
variety trials 10624, 12626
varieties 10619
M89-4 1689
MH10 12627
Mitianguan 1690
Cucumis metuliferus, nucleotide sequences, repetitive DNA 8449
Cucumis sativus
Agromyzidae 5072
artificial selection
carotenoids 12638
colour 12638
diseases 2636, 2654
fruits 6165
quality 2636
yields 6165
breeding 1705, 2635, 6163
history 3903
cell culture 2645
chloroplast genetics 5068, 10629
cold resistance, mathematics 2653
combining ability, yield components 2651
crop density 2652
determinate and indeterminate habit 2652
Didymella bryoniae 8455
diseases 649
ethyleneimine 1710
Frankliniella occidentalis 8460
gamma radiation 1709
gene expression 3905, 10629
ACC synthase 9584
Cucumis sativus *cont.*
gene expression *cont.*
chitinase 3911
chromoplasts 5067
development 11662
flowers 6166
fungi 3911
gibberellins 1706
glutamyl-tRNA reductase 3904
growth regulators 1706
hydroxypyruvate reductase 3908
in vitro culture 645
photorespiration 3908
photosynthesis 7341
T complex proteins 9582
gene mapping 12635
genetic markers 8457
sex 2649, 9584
genetic transformation 646, 2645
chitinase 3911
cucumber mosaic cucumovirus 1713
fungi 3911
luciferase 2644
genetic variance, yield components 12637
genetic variation, isoenzymes 1707-1708, 8450
genetics
cold resistance 1712
cucumber mosaic cucumovirus 2656
Fusarium oxysporum 8458
Meloidogyne javanica 7343
sex 9584
watermelon Moroccan mosaic potyvirus 11664
genotype environment interaction, sex 2648
germplasm releases 2637, 8457
Meloidogyne 8459
growth regulators 5070
haploidy 2647, 3906
harvesting 647
heritability, yield components 3909, 11663
heterosis, yield components 2651
hybrid varieties 2638-2643, 5070, 6163, 10628
induced mutations 1709
habit 1710
height 1710
interspecific hybridization 2646
leaves 2650
mechanical harvesting 2652
mitochondrial genetics 9583
mixoploidy 8456
multivariate analysis 8450
isoenzymes 1708
mutagens 1710
nitrates 647
nucleotide sequences 3905, 10629
chromoplasts 5067
development 11662
diacylglycerols 9581
gibberellins 1706
glutamyl-tRNA reductase 3904
growth regulators 1706
membranes 9581
photosynthesis 7341
proline 9580
T complex proteins 9582
polymorphism, esterases 12636
polyploidy 3907
Pseudomonas syringae 648
quality 5071
random amplified polymorphic DNA 8450, 12635
hybrid seed production 5069
restriction fragment length polymorphism 9583
seasonal growth 10627
seeds, storage 12198
sex 5070
silver nitrate 5070
silver thiosulfate 5070
Sphaerotheca fuliginea 2655
tissue culture 1711, 6167, 7342, 8456
variety trials 10627, 11661
wide hybridization 2652
yield correlations 3910, 11663, 12637
varieties 2639, 2642-2643, 5592
Belyaevskiĭ 6163

Cucumis sativus *cont.*
varieties *cont.*
Ganfeng-3 2638
Guloi-82 6164
Jin Chun-2 2641
M17 8455
Xiasheng 10628
Zhongnong-8 2640
Cucurbit aphid-borne yellows virus, *Cucumis melo* 6158
Cucurbita
Bemisia argentifolii 2634
gene expression
ascorbate oxidase 11658
catalase 6161
citrate synthase 1703
isocitrate lyase 6160
genetic engineering, citrate synthase 1703
genetics 2629
Colletotrichum orbiculare 1699
microsatellites 3898
phylogeny 644
molecular genetics, isocitrate lyase 6160
nucleotide sequences
ascorbate oxidase 11658
catalase 6161
phylogeny 644
variety trials 2630
varieties 5592, 7339, 10625
Cucurbita maxima
gene expression
colour 2632
fruits 2632
gibberellin oxidase 12633
gibberellins 11659
phloem 11657
genetic resources 5066
genetics, watermelon mosaic 1 potyvirus 8454
heritability, watermelon mosaic 1 potyvirus 8454
nucleotide sequences
gibberellin oxidase 12633
gibberellins 11659
phloem 11657
seed production 5066, 12634
yield correlations 12634
Cucurbita moschata
genetic resources 5066
interspecific hybridization 2630
seed production 5066
varieties
Hamdan 3902
Qasim 3902
Cucurbita pepo
archaeology 9579
Bemisia argentifolii 2634
breeding 7338
combining ability, yield components 10626
cucumber mosaic cucumovirus 11660
domestication 9579
gene expression
colour 2632
fruits 2632
genetic resources 5066
genetics
colour 2631, 6162
fruits 2631, 6162
habit 7340
male sterility 7338
sex 7338
interspecific hybridization 1704, 2630
pollen competition 1704
seed production 5066
zucchini yellow mosaic potyvirus 2633, 11660
varieties 5592
Cucurbita texana
interspecific hybridization 1704
pollen competition 1704
Cucurbitaceae
breeding, books 4337
genetic resources 1688
genetics, books 4337
zucchini yellow mosaic potyvirus 2616
Cuphea, tissue culture 11845
Cuphea lanceolata
genetic markers, fatty acids 7520
interspecific hybridization 5204
Cuphea lanceolata *cont.*
polymerase chain reaction, fatty acids 7520
Cuphea llavea
varieties
Georgia Scarlet 8833
Tiny Mice 8833
Cuphea viscosissima
genetic markers, fatty acids 7520
genetics
decanoic acid 8614
fatty acids 8614
interspecific hybridization 5204
mutations
decanoic acid 8614
fatty acids 8614
polymerase chain reaction, fatty acids 7520
Cuphea wrightii
gene expression, fatty acids 12779
nucleotide sequences, fatty acids 12779
Cupressaceae, cytotaxonomy 9806
Cupressocyparis, varieties, Atlas 1912
Cupressus
cytotaxonomy 6414
evolution 6414
population genetics 10985
taxonomy 10985
Cupressus lusitanica, provenance trials 1030
Cupressus sempervirens
genetic distance 11980
genetic variation, isoenzymes 11980
Curcuma, taxonomy 3124
Curcuma longa
heritability, yield components 8919
variety trials 1114
yield correlations 5464
Curvularia *(see also Cochliobolus)*
Cutting
Calliandra calothyrsus 1892
Lolium boucheanum 408
Lolium perenne 10348
Lolium rigidum 407
triticale 4584
Cuttings
Calliandra calothyrsus 9795
Dendranthema morifolium 1955
Malus 11669
Olea europaea 12754
Pinus contorta 4192
Vitis 776
Cyamopsis tetragonoloba
artificial selection, yield components 8362
salinity 8364
Xanthomonas campestris 7211
yield correlations 8363
Cyanogenic glycosides 2050
Cyanogens
Trifolium repens 10380
natural selection 10378
Cyathea cooperii
varieties
Allyn Krest 8895
Allyn Lace 8896
Cycas
pollen 8804
taxonomy 5329
Cycas desolata, taxonomy 4214
Cycas lindstromii, taxonomy 12910
Cycas pectinata
genetic variation, isoenzymes 1031
taxonomy 7652
Cyclamen balearicum
genetic drift 12011
polymorphism, isoenzymes 12011
population genetics 12011
Cyclamen creticum
inbreeding 8865
population genetics 8865
Cyclamen graecum
diseases 1970
interspecific hybridization 1970
ovule culture 1970
Cyclamen hederifolium
polymorphism, isoenzymes 5426
population genetics 5426
Cyclamen persicum
diseases 1970
interspecific hybridization 1970, 8866
ovule culture 1970
Cyclamen persicum *cont.*
polyploidy 1081
Cyclamen purpurascens, interspecific hybridization 8866
Cyclamen repandum
polymorphism, isoenzymes 5426
population genetics 5426
Cyclins
Adiantum capillus-veneris
gene expression 1979
nucleotide sequences 1979
Allium cepa 11628
Catharanthus roseus, gene expression 9875
molecular genetics 4371
Nicotiana tabacum
gene expression 5240, 7573, 9875, 10854
genetic transformation 9875
molecular genetics 10854
nucleotide sequences 5240
Cycloheximide
Nicotiana tabacum
gene expression 11879
genetic transformation 11879
Zea mays, gene expression 8100
Cyclophilin, *Arabidopsis thaliana,* genetic transformation 54
Cyclopia, chemotaxonomy 12829
Cydonia oblonga
breeding 7368
isoenzymes 11665
somaclonal variation
iron 3942
nutrients 3942
variety classification 11665
Cylas formicarius, *Ipomoea batatas* 3819, 11615
Cylindrosporium *(see also Blumeriella)*
Cymbidium
genetic variation, isoenzymes 9858
variety classification 9858
Cymbidium kanran, pollination 1093
Cymbidium maguanense, taxonomy 9863
Cymbidium mosaic potexvirus, *Dendrobium,* genetic transformation 12026
Cymbidium ringspot tombusvirus, *Nicotiana tabacum,* gene expression 1863
Cymbopogon coloratus, geraniol 13046
Cymbopogon flexuosus, induced mutations, geraniol 13046
Cymbopogon jwarancusa
interspecific hybridization 5469
tissue culture 5469
Cymbopogon martinii
cell culture 7739
geraniol 13046
in vitro selection, salinity 12049
polyploidy 9897
tissue culture 9897
Cymbopogon nardus
interspecific hybridization 5469
tissue culture 5469
Cynara scolymus
multivariate analysis, yield components 2560
random amplified polymorphic DNA, genetic distance 3854
tissue culture 12592
varieties
Etrusco 10590
Moro di Corneto 10590
Cynodon, Eoreuma loftini 2381
Cynodon dactylon
lawns and turf 415
molecular genetics, variety classification 5962
somaclonal variation, *Spodoptera frugiperda* 5963
taxonomy 415
variety trials 7087
varieties
MS-Choice 7088
MS-Express 7088
MS-Pride 7088
Riley's Super Sport 3042
Cynometra carvalhoi, taxonomy 1893
Cyphomandra betacea
organic acids 10754
sugars 10754

Cypripedium calceolus
interspecific hybridization 6504, 7703
taxonomy 6504
Cypripedium macranthum
interspecific hybridization 6504, 7703
taxonomy 6504
Cypripedium parviflorum, evolution 7703
Cypripedium reginae, tissue culture 7706
Cystathionine-β-lyase
Arabidopsis thaliana
gene expression 9977
nucleotide sequences 9977
Cystatin
Arabidopsis thaliana, genetic transformation 12157
Zea mays, nucleotide sequences 1354, 2248
Cysteine synthase
Arabidopsis thaliana
DNA hybridization 5540
gene expression 5540
Nicotiana tabacum, genetic transformation 2837, 3846
Spinacia oleracea
gene expression 3846
genetic engineering 3846
Cytisophyllum, growth period 11989
Cytisus
growth period 11989
taxonomy 2414
Cytochrome *c*
Brassica campestris, mitochondrial genetics 9659
Brassica napus, mitochondrial genetics 9659
Helianthus annuus
gene expression 9677
nucleotide sequences 9677
Cytochrome-*c* oxidase
molecular genetics 11162
Olea europaea
gene expression 9683
nucleotide sequences 9683
Zea mays, gene expression 10152
Cytochromes
Brassica napus
rape
mitochondrial genetics 823
nucleotide sequences 823
Glycine max, gene expression 11530
Glycyrrhiza echinata, nucleotide sequences 12033
Lycopersicon esculentum, nucleotide sequences 597
Nepeta racemosa
gene expression 8926
nucleotide sequences 8926
Nicotiana tabacum, genetic transformation 9729
Solanum tuberosum, molecular genetics 2460
Sorghum bicolor, nucleotide sequences 5845
Cytogenetics
books 4334
selection 4434
Cytokinin oxidase
Nicotiana tabacum
gene expression 6327
genetic transformation 6327, 9731
Cytokinins
Arabidopsis thaliana 5563
mutations 9019
Brassica napus, rape 8565
Catharanthus roseus, gene expression 1989
Chenopodium album
gene expression 395
nucleotide sequences 395
gene expression 11142
Hevea brasiliensis 9781
mutations 12190
Nicotiana tabacum
gene expression 2846, 12819
genetic transformation 2846, 4122, 10858-10859, 12819
Pisum sativum
gene expression 2846
genetic engineering 2846
Solanum tuberosum, genetic transformation 8379
Cytokinins *cont.*
Triticum aestivum 5625
Cytology
Aconitum 4294
Actinidia deliciosa, pollen 2703
Arachis 2770
cereals, techniques 11228
conferences 2018
conservation 1233
databases 9062
fluorescence *in situ* hybridization 1238-1239
gene expression 10007
Gossypium herbaceum 6346
Haworthia fasciata 1981
Haworthia limifolia 1981
Helianthus, interspecific hybridization 847
Hordeum, evolution 1327
Hordeum vulgare 222, 8022
mutations 10007
Nepenthes 13019
Paeonia tenuifolia 12984
Pisum sativum 7176
space flight 5581
techniques 1234-1237, 12168
temperate fruits, techniques 6170
triticale, reviews 6846
Vicia faba, hypoxia 2441
Zea mays 260
Cytomixis
Brassica campestris, turnip rape 10766
Brassica napus, rape 10766
Zea mays 6925
Cytoplasm
Glycine max
mitochondrial genetics 10400
restriction fragment length polymorphism 10400
Cytoplasmic inheritance
Abies alba 11971
Abies kawakamii 11971
Aegilops × *Triticum* 5613
Allium ampeloprasum
in situ hybridization 7264
random amplified polymorphic DNA 7264
Allium cepa
in situ hybridization 7264
random amplified polymorphic DNA 7264
Arabidopsis thaliana, NAD(P)H dehydrogenase 9970
Glycine max 1491
leaves 10411
Hordeum vulgare, chlorophyll 3375
Oryza sativa, shade 5901
Pennisetum glaucum, yields 9275
Pharbitis limbata 9829-9830
Pharbitis nil 9829
Pharbitis purpurea 3057, 9830
Pinus nigra 2968
Pinus sylvestris 2968
Pisum sativum, pollen 6057
Pleurotus cornucopiae 12056
Triticum 5613
Triticum aestivum 5613
Zea, yield components 1370
Zea mays, yield components 1370-1371
Cytoplasmic male sterility
Aegilops × *Triticum* 1275
Allium cepa, genetics 7260
Beta, mitochondrial genetics 5222
Beta vulgaris
sugarbeet 7543
mitochondrial genetics 5223
nucleotide sequences 5223
random amplified polymorphic DNA 5223
Brassica campestris 4962
genetics 7455
Brassica carinata
chromosome morphology 829
interspecific hybridization 829
Brassica chinensis 8568
Brassica juncea 2735, 11800-11801
gene expression 4045
genetics 7455
nucleotide sequences 4045
Cytoplasmic male sterility *cont.*
Brassica napus
rape 829, 1775, 2736, 5175, 7449, 8568, 12726
gene expression 4045, 11803
gene mapping 12725
genetics 7455
germplasm releases 9665
mitochondrial genetics 9667, 11803
molecular genetics 7456
nucleotide sequences 4045, 9667
random amplified polymorphic DNA 12725
restriction fragment length polymorphism 12725
Brassica oleracea 4962
broccoli 4963
cabbages 4963
cauliflowers 828
Brassica pekinensis 2538
genetics 2540
Brassica tournefortii
gene expression 4045
nucleotide sequences 4045
Brassica × *Raphanus* 9526
Brassica (×) *Trachystoma* 11800
Cajanus cajan 9468, 11573
mitochondrial genetics 7193, 9470
restriction fragment length polymorphism 7193, 9470
Cajanus sericeus
mitochondrial genetics 7193, 9470
restriction fragment length polymorphism 7193, 9470
Daucus carota 3806, 11610
Gossypium harknessii 7594
Gossypium hirsutum, genetics 11904
Helianthus 7487
Helianthus annuus 7487, 11815
gene expression 1798
genetics 1804
mitochondrial genetics 1798
polymerase chain reaction 4060
Hordeum vulgare, backcrossing 5668
Hyoscyamus (×) *Nicotiana* 912
Nicotiana sylvestris
mitochondrial genetics 9725
mutations 9725
Nicotiana tabacum 7576, 10856
gene expression 2839
genetic transformation 1798, 2839
mitochondrial genetics 1798, 2838
Nicotiana (×) *Scopolia* 912
Oryza glumaepatula 4693
Oryza sativa 367, 2330, 4665, 4686, 4693, 4695, 5895, 7027, 7043, 8148, 8153, 10305, 10309, 11416, 12376
combining ability 4692
gene mapping 4694
genetics 2331, 4697, 10306
molecular genetics 4698
nucleotide sequences 3589
polymerase chain reaction 9291
random amplified polymorphic DNA 3589, 4694
restriction fragment length polymorphism 4694, 9291
stability 11415
Pennisetum glaucum 2306, 3564, 8122, 12348
genetics 3562
Phaseolus vulgaris, genetics 12489
Plantago lanceolata
chloroplast genetics 7718
mitochondrial genetics 5473, 7718
restriction fragment length polymorphism 5473, 7718
Raphanus sativus, genetics 12574
Secale, genetics 3408
Secale cereale 3406
genetics 3407-3408
Sorghum bicolor 3541-3542, 9264, 10272, 12337
genetics 3539
mitochondrial genetics 313, 6963
restriction fragment length polymorphism 6963-6964
triticale 6852
mitochondrial genetics 6850

Cytoplasmic male sterility *cont.*
triticale *cont.*
somaclonal variation 6850
Triticum aestivum 1275, 3319, 5623, 6246, 9118, 10062, 12229, 12231-12232
germplasm releases 6721
Triticum × *Aegilops* 1275
Vicia faba 10447
Zea mays 258, 267, 2263, 8081, 9209, 12318
gene mapping 5754
genetics 5750, 9213, 9216
mitochondrial genetics 10196
random amplified polymorphic DNA 5749
restriction fragment length polymorphism 5754, 10196
Cytosine deaminase
Nicotiana tabacum
genetic transformation 10851
in vitro selection 10851
Cytosine DNA-methyltransferase,
Arabidopsis thaliana, gene expression 59
Cytosol aminopeptidase, *Arabidopsis thaliana,* genetic transformation 54
Cytosolic phosphorylase
Solanum tuberosum
gene expression 12547
genetic engineering 12547
Cytospora *(see Valsa)*
Cytotaxonomy
Andropogon gerardii 9336
Cupressaceae 9806
Cupressus 6414
Guizotia 5211
Hordeum pubiflorum 8035
Lycium 6539
Rosa roxburghii 6457
Solanaceae 12201
Sternbergia lutea 11030
Sternbergia sicula 11030
2,4-D
Medicago sativa
gene expression 12435
nucleotide sequences 12435
Solanum tuberosum 1570
Zea mays 3480
Saccharum officinarum, in vitro selection 2801
Dactylis glomerata
anther culture 11468
breeding 8193
cold resistance 10345
drought resistance 4762
ecotypes 4761
growth period 8199-8200
inflorescences 11470
phylogeny 8201
polyploidy 11469
seed production 8199-8200
taxonomy 11469-11470
variety trials 10018
varieties, Akimidori-II 405
Dactylis metlesicsii, taxonomy 5952
Dactylorhiza incarnata
gene flow 8884
polymorphism, esterases 8884
Dactylorhiza purpurella
evolution 6507
genetic variation, isoenzymes 6507
Daemonorops, random amplified polymorphic DNA 13048
Dahlia coccinea
chromosome number 8875
taxonomy 8875
Dahlia pinnata
chromosome number 8875
taxonomy 8875
Dahlia rosea
chromosome number 8875
taxonomy 8875
Dahlia sorensenii, nomenclature 8875
Dalbergia, taxonomy 5305, 12888
Dalbergia lanceolaria, tissue culture 5302
Dalbergia sissoo, embryo culture 10940
Dalea leporina, artificial selection, seeds 418
Daphne mauritanica, taxonomy 3037
Dashinone, *Salvia miltiorrhiza* 3112
Dasineura marginemtorquens, *Salix viminalis* 11941
Dasypyrum villosum
drought resistance 11283
meiosis 2384
temperature 2384
Dasypyrum* × *Agropyron* × *Secale* × *Triticum, intergeneric hybridization 11226
Dasypyrum* × *Triticum
chromosome translocation, *Aceria tulipae* 1300
fluorescence *in situ* hybridization, *Aceria tulipae* 1300
Fusarium culmorum 10043
Gibberella zeae 10043
intergeneric hybridization 1300, 10043, 11283
quality 10043
Databases 7
cytology 9062
gene expression 26
genetic resources 2031
Glycine max, nodulation 10426
Gossypium, molecular genetics 8716
herbage crops, genetic resources 7073
mitochondrial genetics, proteins 4378
molecular genetics 12116
nomenclature 7867
nucleotide sequences 5517, 5533
proteins 4378
Oryza sativa 7
Prunus avium, genetics 11703
Rosa, varieties 12928
Saccharum officinarum, variety trials 8626
Solanum, tuberous species 6079
taxonomy 7868
temperate fruits 653
genetic resources 651
Triticum aestivum 114
Zea mays
genetics 5734
mutations 10171
proteins 1368
Datisca glomerata, genetics, sex 4442
Datura, taxonomy 4452
Datura fastuosa
cryopreservation 6670
gene expression
cadmium 1112
toxic substances 1112
genetic transformation 5455
in vitro selection
cadmium 1112
toxic substances 1112
nucleotide sequences
cadmium 1112
toxic substances 1112
tissue culture 5455
Datura metel
alkaloids 4296
colour 4296
flowers 4296
variety classification 4296
Daucus carota
aroma 3809
artificial selection
colour 12557
quality 557
cell division 7238
combining ability, yield components 2506
competitive ability 557
cytoplasmic male sterility 3806, 11610
enzymes 3807
essential oils 3809
fungi 4931
gene expression 1583
abscisic acid 10549
chitinase 3911
dihydrofolate reductase 7237
DNA binding proteins 10549
fungi 3911
isoenzymes 1586
plant embryos 555
proteasomes 8393
proteinase inhibitors 9514
proteins 10548
somatic embryogenesis 1588, 6097, 8394-8395
thymidylate synthase 7237
Daucus carota *cont.*
genetic markers, somatic embryogenesis 8395
genetic transformation 1584, 9515
chitinase 3911
fungi 3911
genetics
colour 2505
roots 2505
germplasm releases 3805
heritability, quality 557
heterosis, yield components 2506
nitrates 10550
nucleotide sequences
dihydrofolate reductase 7237
p-hydroxyphenylpyruvate dioxygenase 11609
isoenzymes 1586
proteasomes 8393
proteinase inhibitors 9514
proteins 10548
somatic embryogenesis 1588, 6097, 8394
thymidylate synthase 7237
nutritive value 8396
plant embryos 1585
polyacetylenes 4931
protoplast culture 1584
quality 10550
random amplified polymorphic DNA 11610
reducing sugars 558
regenerative ability 9516
somaclonal variation, phenylalanine ammonia-lyase 9517
somatic embryogenesis 1587, 3808, 7238
storage, seeds 2121
sucrose 3807
sugars 558, 8396
tissue culture 1583, 2507-2508, 9516, 12558
transposable elements 9517
yield correlations 4930
Daucus* (×) *Hordeum, protoplast fusion 4929
Daucus* (×) *Nicotiana, protoplast fusion 1855
Daucus* (×) *Oryza, protoplast fusion 556
Davidia involucrata, tissue culture 4187
Death
Arabidopsis thaliana
gene expression 12092
genetic engineering 9965
mutations 6630, 11191
nucleotide sequences 6630
cells 11191
Hordeum vulgare, gene expression 12092
Lens culinaris 3764
Oryza sativa, nucleotide sequences 8140
Zea mays, gene expression 12092
Decanoic acid
Cuphea viscosissima
genetics 8614
mutations 8614
Defensins
Capsicum annuum
gene expression 3891
nucleotide sequences 3891
Defoliation
Lindera benzoin 5451
Saccharum officinarum 11857
Triticum aestivum 10049
Dehydration
Arabidopsis thaliana
gene location 9018
mutations 9018
Dehydrins
Arabidopsis thaliana, genetic engineering 4426
cereals, gene mapping 219
Hordeum vulgare, gene mapping 219
Lycopersicon esculentum
gene expression 3857
nucleotide sequences 3857
Nicotiana tabacum
gene expression 3857
genetic transformation 3857, 4426
Prunus persica
gene expression 6197
nucleotide sequences 6197

Dehydrins *cont.*
Ribes nigrum, polymerase chain reaction 12661
Sorghum bicolor
gene expression 9267
nucleotide sequences 9267
Deletions (*see also* Chromosome translocation)
Aegilops × *Triticum* 4480
Triticum aestivum 4480
Delia antiqua*, *Allium 8418
Delphinium
chromosome morphology 4257
chromosome number 4257
Dendranthema
biotechnology 12979
DNA fingerprinting 4252
leaves, techniques 11022
varieties
Alcala 5378
Cobra 5379
Red Elani 5380
Samco 5381
Tripoli 5382
Veria Dark 5383
Dendranthema morifolium
chromosome aberrations 1063
chromosome morphology 6467
chromosome number 6467, 7675
colchicine 7675
cuttings 1955
gamma radiation 1063, 5400, 6467, 8807
genetic transformation, *Tetranychus urticae* 6484
induced mutations
chlorophyll 8807
colour 5400, 6467
flowers 1063, 6467, 8807
leaves 1063, 8807
Puccinia horiana 589, 3068
tissue culture 5400, 6479, 7683
Dendrobium
colour 12021
flavonoids 12021
genetic resources 1973
genetic transformation, cymbidium mosaic potexvirus 12026
genetics, flowers 9859
***Dendrobium bigibbum*,** breeding 7700
***Dendrobium lanyaiae*,** taxonomy 6510
***Dendrobium phalaenopsis*,** breeding 7699
Dendrobium superbiens
flowers 3100
meiosis 3100
polyploidy 3100
***Dendrocalamus mianningensis*,** nomenclature 12055
***Dendropanax arboreus*,** random amplified polymorphic DNA 7631
Denmark, National Committee for Plant Production, reports 8936
Deroceras reticulatum*, *Triticum aestivum 2203
***Derris ovalifolia*,** nomenclature 1113
Desaturases
Brassica napus
rape
gene mapping 8557
restriction fragment length polymorphism 8557
Deschampsia
chloroplast genetics, taxonomy 9340
chromosome banding 9340
DNA hybridization, taxonomy 9340
polymorphism, isoenzymes 9340
***Deschampsia cespitosa*,** ornamental value 11488
Desiccation
Nicotiana tabacum
gene expression 4124
genetic transformation 4124
seeds, gene expression 11132
Desmodium
genetic resources 10390
plant introduction 10390
***Desmodium densum*,** taxonomy 4812
Desmodium heterocarpon
artificial selection
Meloidogyne 11517
persistence 11517

Determinate and indeterminate habit
Antirrhinum, gene expression 4405
Arabidopsis thaliana
gene expression 4405
nucleotide sequences 4405
Cajanus cajan, genetics 12519
Cicer arietinum, pleiotropy 9454
Cucumis sativus 2652
Fagopyrum esculentum 1423
Glycine max 6016, 7140, 8271, 10409
genetics 11533
Lupinus angustifolius 9353
Lycopersicon esculentum 5016
Vigna unguiculata 4883
linkage 4885
Deudorix isocrates*, *Psidium guajava 2722
Deuterophoma tracheiphila
Citrus aurantium, genetics 10744
Poncirus trifoliata, genetics 10744
***Deutzia multiradiata*,** genetic variation, isoenzymes 9814
Development
Achillea crithmifolia 8914
Aegilops × *Triticum* 122
Agaricus bisporus
gene expression 11096
nucleotide sequences 11096
Allium cepa 2523
Allium sativum 6108
Amaranthus hypochondriacus, gene expression 3642
Anigozanthos viridis 8847
Antirrhinum, mutations 7685
Antirrhinum majus
gene expression 1072, 3236, 9039, 9845
genetic engineering 1072, 9039
molecular genetics 3236
nucleotide sequences 9845
Aquilegia caerulea 5402
Aquilegia ecalcarata 5402
Arabidopsis
gene expression 9983
mutations 9983
Arabidopsis thaliana 72, 9006
gene expression 80, 1201, 1211, 2085, 3213, 3235-3236, 4417, 5559, 7815, 7834-7835, 7838-7839, 9035, 9978-9979, 11173, 12137, 12143
genetic engineering 7815
genetic transformation 47, 2085, 9039, 11173, 12136-12137
genetics 4407, 4412, 12144
reviews 11183
maternal effects 4414
molecular genetics 3235-3236, 7840
mutations 68, 77, 1211, 1217, 1219, 3218, 3222, 3230, 4407-4409, 4414, 6631, 7835, 7838, 9011, 9017, 9026, 9034, 9974, 9976, 11179, 12136, 12143
nucleotide sequences 5559, 6631, 9978
pleiotropy 77
Arachis hypogaea 6273
Betula pendula 960
books 3146
Brassica campestris, heritability 5176
Brassica napus
rape 11807
gene expression 7453
Brassica oleracea, broccoli 1624
Chenopodium quinoa 12411
Chondracanthus chamissoi 2008
Cichorium intybus 2558
Clivia miniata 8870
Corchorus olitorius 8748
Cryptomeria japonica 11984
Cucumis sativus
gene expression 11662
nucleotide sequences 11662
Elymus × *Triticum* 122
Fragaria chiloensis 11744
Fragaria virginiana 11744
Fragaria viridis 11744
Fraxinus angustifolia, artificial selection 2949
gene expression 1177, 2074, 4402, 5534, 7796
reviews 1185, 7856, 12197

Development *cont.*
genetics 6611, 9055
reviews 11221, 12194
Gerbera hybrida, gene expression 6472
Glycine max 9390, 12462
gene expression 11525
gene mapping 11525
nucleotide sequences 11525
Gossypium barbadense 936
Gossypium hirsutum 936, 5258
Helianthus annuus
gene expression 2754
nucleotide sequences 2754
Hordeum vulgare 1322, 6788
gene expression 1321
gene location 8026
induced mutations 8019
Ilex aquifolium 10937
Iris pumila 4278
Larix 11976-11977
Lens culinaris, gene expression 10474
Lentinula edodes
gene expression 11097
nucleotide sequences 11097
Lilium 5432, 8876
Lycopersicon esculentum
gene expression 7314
genetic transformation 594, 7314
mutations 3866, 9554, 10601
nucleotide sequences 7314
Malus pumila 663
gene expression 7353, 10653
nucleotide sequences 7353, 10653
Medicago sativa
genetic markers 7098
mutations 7098
molecular genetics 8961, 8978
Musa 9627
mutations 3258, 4402, 10023
reviews 12195
Nicotiana tabacum
gene expression 11340
genetic transformation 1072, 11340
ornamental plants
molecular genetics 3028
reviews 2118
Oryza sativa 1395
gene expression 2334, 6682
heterosis 4701
nucleotide sequences 6682
Pelargonium zonale 9812
Pennisetum glaucum
genetics 12349
mutations 12349
Petunia hybrida
gene expression 5415, 9849
maternal effects 9849
mutations 9849
nucleotide sequences 5415
Phaseolus vulgaris 11555
Picea abies, artificial selection 1013
Picea sitchensis, artificial selection 5319
Pinus contorta
artificial selection 1002
heritability 1002
Pinus elliottii 5314
Pinus patula, heritability 6402
Pinus radiata, random amplified polymorphic DNA 12891
Pisum sativum, mutations 2461
Plumbago zeylanica 5456
population genetics 12165
Prunus armeniaca 712
Raphanus sativus 3825, 6103
Saccharum officinarum 6299
Secale cereale 5692
Silene pratensis, genetics 12987
Sinapis alba
gene expression 12739
nucleotide sequences 12739
Solanum berthaultii, gene expression 12176
Sorghum bicolor
gene expression 6682
nucleotide sequences 6682
Taihangia rupestris 9813
Trifolium repens 11504
gene expression 432
Tripsacum dactyloides 9261

Development *cont.*
Triticum aestivum 126, 136, 1281, 4484-4485, 6722, 9120, 9125, 10047, 11248, 12232, 12250
artificial selection 5632
combining ability 7958
heterosis 9121
stability 157
Triticum araraticum 11248
Triticum monococcum 11248
Vicia faba
gene expression 2442, 11548
nucleotide sequences 11548
Zea 9261
Zea mays 235, 4603, 9223, 10193, 12329
artificial selection 5786, 10197, 11347
gene expression 5766, 11340, 12176
gene location 9228
gene mapping 5800
genetics 3469, 6936, 9226
heterosis 8090
inbreeding depression 5785
mutations 278, 2270, 3465, 4606, 5765, 5779, 5792, 6936, 8086, 9217, 9227-9228, 10205, 12322, 12324
restriction fragment length polymorphism 5765
somaclonal variation 5794
sweetcorn 5787, 6932
Diabrotica undecimpunctata, Arachis hypogaea 7513
Diabrotica virgifera, Tripsacum* x *Zea, genetics 5837
Diacylglycerols, *Cucumis sativus,* nucleotide sequences 9581
Diallel analysis 90, 7846, 9053
Oryza sativa 7772
Phaseolus vulgaris 7168
statistics 6594
Zea mays 7772, 8080, 8091
Dianthus
chilling requirement 5403
photoperiodism 5403
taxonomy 6481
variety trials 8832
varieties
Crossover 3044
Far Out 3045
Dianthus caryophyllus
Alternaria dianthi 12006
Fusarium oxysporum 6461
gene expression
ACC oxidase 9835
ACC synthase 9835
adenosylmethionine decarboxylase 11015
ethylene 9835, 12188
flowers 9835
growth regulators 9835, 12188
senescence 9835, 12188
genetic markers 6416
genetic transformation 6416, 6464
ethylene 1064
genetics
colour 6474
flowers 6474
interspecific hybridization 3044-3045
Meloidogyne incognita 6483
nucleotide sequences, adenosylmethionine decarboxylase 11015
tissue culture 6464
Uromyces dianthi 1069
varieties
Biliana 6461
Krassina 6461
Nicki 6461
Regina 6461
Yanita 6461
Dianthus chinensis, tissue culture 1066
Dianthus plumarius
interspecific hybridization 3044-3045
varieties
Far East 8841
Fury 8842
Royal Velvet 8843
Spot On 8844
Dianthus superbus, protoplast culture 6477
Diaporthe helianthi
Helianthus annuus 2760, 10799
Diaporthe helianthi *cont.*
Helianthus annuus cont.
combining ability 11821
genetic variance 11821
random amplified polymorphic DNA 5187
Helianthus argophyllus, random amplified polymorphic DNA 5187
Helianthus tuberosus 10799
Diaporthe toxica, Lupinus angustifolius 1472
Diascia
varieties
Apricot Cherub 5385
Jacqueline's Joy 5386
Joyce's Choice 5387
Lady Valerie 5388
Lilac Belle 5389
Lilac Mist 5390
Salmon Supreme 5391
Diatraea grandiosella
Zea diploperennis 10265
Zea mays 8104, 10265
genetic markers 10264
genetic transformation 11369
Zea parviglumis 10265
Diatraea saccharalis
Saccharum officinarum 2796
genetic transformation 12790
Zea mays 3533, 8104
genetic markers 2288, 10264
Dichanthium aristatum, varieties, Floren 8216
Diclofop, *Avena sativa* 6802
Dictionaries, crops, nomenclature 9917
Didymella *(see also Mycosphaerella)*
Didymella bryoniae
Citrullus lanatus 3901
Cucumis melo 12630
Cucumis sativus 8455
Dieffenbachia
tissue culture 6418
varieties
Paco 8897
TS8704 8897
Diethyl sulfate
Hordeum vulgare 5667
Linum usitatissimum, linseed 8586
Difenzoquat
Triticum aestivum
in vitro selection 10098
somaclonal variation 10098
Differentiation (*see* Development)
Digestibility
Bromus inermis, artificial selection 3669
Festuca x *Lolium* 11463
Hemarthiria altissima 8219
Hordeum vulgare 110
Lolium perenne 5954
Oryza sativa 5915, 10328
Pennisetum glaucum, heterosis 5863
Phleum pratense 11489
Saccharum officinarum 871
Tripsacum dactyloides 11374
Triticum aestivum 110
Vicia faba 2444
Vigna unguiculata 11580
Zea mays 1372, 3503, 10234
Digitaria
polymerase chain reaction 2383
random amplified polymorphic DNA 2383
Digitaria eriantha
ecotypes 10363
reclamation 10363
Dihydrodipicolinate synthase
Arabidopsis thaliana, genetic transformation 3217
Glycine max
gene expression 8265
genetic engineering 8265
Hordeum vulgare, genetic transformation 3371
Dihydrofolate reductase
Daucus carota
gene expression 7237
nucleotide sequences 7237
Dihydrokaempferol 4-reductase, *Gentiana triflora,* nucleotide sequences 1951
Dihydrolipoamide dehydrogenase
Glycine max
genetics 10413
Dihydrolipoamide dehydrogenase *cont.*
Glycine max cont.
linkage 10413
Pinus sylvestris, polymorphism 10958
Dihydropteroate synthase
Pisum sativum
gene expression 12499
nucleotide sequences 12499
Dillenia
flowering 11950
pollination 11950
Dimocarpus longan, varieties, Qingke Baoyuan 5159
Dimorphotheca sinuata, natural selection, ultraviolet radiation 4269
Dioecy
Carpobrotus 4290
Sarcozona 4290
Dioryctria, Pinus ponderosa 4197
Dioscorea
cryopreservation 10566
ecology 8404
fungi 6102
genetic resources 8403
random amplified polymorphic DNA, variety classification 4939
taxonomy 8405
Dioscorea alata
mulching 11618
tissue culture 1596
varieties, Tainung-2 12568
Dioscorea batatas
mutations, tubers 7248
varieties, Qunfeng 7248
Dioscorea cayenensis
flowering 11616
outcrossing 11616
sex 11616
Dioscorea davidsei, taxonomy 11617
Dioscorea rotundata
flowering 11616
outcrossing 11616
sex 11616
stability 3821
tissue culture 3820
Diospyros, sex 5157
Diospyros kaki
genetic variance
fruits 6228
quality 6228
genetics
fruits 12702
ripening 12702
pollination 4008
quality 8535
tannins, techniques 5158
Diospyros morenoi, taxonomy 12703
Dipladenia sanderi
varieties
Cinderella 1913
Merlin's Magic 1914
Pale Face 3017
Diplocarpon earlianum, Fragaria ananassa, artificial selection 11745
Diplocarpon rosae
Rosa 12968, 12970
random amplified polymorphic DNA 12969
Diplodia *(see also Botryosphaeria; Physalospora)*
Diploidy
Musa 10719
Solanum 537
Solanum phureja 538
Solanum tuberosum 538
Diplotaxis
photosynthesis 578
taxonomy 4086
Diplotaxis muralis, isoenzymes 7521
Diplotaxis tenuifolia, interspecific hybridization 7521
Diplotaxis viminea, interspecific hybridization 7521
Diplotaxis* x *Brassica, intergeneric hybridization 7275
Diplotaxis* x *Erucastrum, intergeneric hybridization 7522
Diplotaxis* x *Moricandia, intergeneric hybridization 578
Dipsacus fullonum, interspecific hybridization 8928

***Dipsacus sativus*,** interspecific hybridization 8928
Disa draconis
evolution 8882
pollination 8882
Discoloration, *Oryza sativa* 5939
Discula destructiva*, *Cornus 1895
Diseases 2039, 2046-2047
Ananas comosus, techniques 9640
Arabidopsis thaliana
gene expression 45, 12092
mutations 45
nucleotide sequences 7842
Arachis hypogaea 6279, 6281
biotechnology 2040
Brassica campestris 9674
Brassica juncea 9674
Brassica napus, rape 9674
breeding, conferences 8947
cells 11191
cereals 7879
crops, genetic markers 7778
Cucumis sativus 649
artificial selection 2636, 2654
Cyclamen graecum 1970
Cyclamen persicum 1970
fodder legumes, genetic engineering 3651
gene expression 4364, 5534, 11136, 12091, 12095
books 5497
genetic engineering 4365, 7779, 7789
reviews 8964
genetic markers 12097
genetics 18-19, 1166, 2044, 7788, 8965, 9938-9939, 11136
books 5497
history 2041
reviews 2041
Glycine max
gene mapping 2435
nucleotide sequences 2434
polymerase chain reaction 2435
Gossypium 7608
Gossypium hirsutum 8738-8739
grain legumes 8250
Hordeum vulgare, gene expression 12092
Lactuca sativa
gene mapping 7299
genetic markers 7299
linkage 9939
Lycopersicon 5030
Lycopersicon esculentum 5032
gene expression 908
gene mapping 5031
nucleotide sequences 908
reviews 612
Malus pumila
genetic transformation 8471
germplasm releases 7359
molecular genetics 1166, 12093-12094
reviews 11137
Musa, genetic transformation 10725
mutations 8965
Nicotiana tabacum
gene expression 908, 4126
nucleotide sequences 908
Populus 4176, 10920
Prunus cerasus 11698
Ribes 11738
Rubus 11738
Saccharum officinarum 2789, 8662
artificial selection 12780
genetic markers 8666
random amplified polymorphic DNA 8666
small fruits, genetic transformation 3962
Solanum tuberosum 4908
genetic transformation 9509
Sorghum bicolor 4622
temperate fruits 653
Triticum aestivum 6758, 7989
induced mutations 7995
Zea mays 6947
artificial selection 5833
combining ability 9253
gene expression 12092
gene location 304
***Diskyphogyne*,** taxonomy 1976
Distantiella theobromae*, *Theobroma cacao 10848
Ditylenchus angustus*, *Oryza sativa 4750
Ditylenchus destructor
Ipomoea batatas 4938, 8402
induced mutations 1595
Ipomoea trifida 4938
Ditylenchus dipsaci*, *Medicago sativa 429
Diuraphis noxia
Hordeum vulgare 2131, 3393, 5690, 8046
triticale 2130
triticale × *Triticum*
gene location 1265
genetics 1265
Triticum aestivum 2130-2131, 2205, 8008
DNA
Acacia 8789
Alstroemeria 8867
angiosperms 11202
Arabidopsis thaliana 2093
Arachis duranensis 2766
Arachis hypogaea 2766
Armeria maritima 1954
Brassica carinata, techniques 826
Brassica juncea, techniques 826
Brassica napus, rape, techniques 826
Colchicum luteum 7857
Eragrostis tef 3665
Festuca arundinacea 10351
forest trees 11921
Fragaria 8506
gene banks 11122
Glycine max 8262, 12461
Gracilaria 2007, 5481
Gracilariopsis 2007
Helianthus annuus 1803, 2755
Hevea 9777
Hevea brasiliensis 4156
Hordeum 203
Hydropuntia 2007
Lupinus luteus 10385
Lycopersicon esculentum 7309, 9552
techniques 12599
mathematics 8980
Medicago sativa, techniques 3189
Medicago tornata 8229
Medicago truncatula 8229
Panicum virgatum 9272
Pelargonium zonale 9812
Pisum 1524
Pisum sativum 4869
Plantago 13025
Pleurotus cornucopiae 9905
Pleurotus cystidiosus 9905
Pleurotus pulmonarius 9905
Pleurotus salmoneo-stramineus 9905
Poa pratensis, techniques 3189
Prosopis 8789
Quercus petraea 2932
Quercus pubescens 2932
Quercus robur 2932
techniques 2059, 2064-2065, 4383, 6625
Trifolium repens 7857
Triticum aestivum 4482
Vicia faba 6036
Vitis 5126
Zea mays 3461, 4598, 12316
genetics 10172
mutations 9206
techniques 10179
DNA binding proteins
Antirrhinum majus, gene expression 1964
Arabidopsis thaliana
gene expression 1215, 3210, 3212, 6635, 6644, 8995, 9000, 9969, 9978, 11195, 12150
nucleotide sequences 3210, 3212, 6635, 6644, 9000, 9969, 9978, 11195, 12150
Coix
gene expression 12409
nucleotide sequences 12409
Daucus carota, gene expression 10549
Glycine max, gene expression 8995
Helianthus annuus 2756
genetic engineering 10549
nucleotide sequences 10549
Lycopersicon esculentum
gene expression 3861, 10593
molecular genetics 9550
nucleotide sequences 3861, 10593, 10604
DNA binding proteins *cont.*
Nicotiana tabacum
gene expression 9715, 9722, 11340
genetic transformation 5710, 11340
nucleotide sequences 9715
Oryza sativa
gene expression 5880
nucleotide sequences 5880, 7015, 11405
Petroselinum crispum, nucleotide sequences 9890
Pimpinella brachycarpa, nucleotide sequences 11079
Pisum sativum 12500
molecular genetics 3748
Triticum aestivum, nucleotide sequences 6708
Vicia sativa
gene expression 3686
nucleotide sequences 3686
Zea mays
DNA methylation 9198
gene expression 5710, 9198, 9201, 9231, 10160, 11340
molecular genetics 5707, 10160
nucleotide sequences 6914
DNA fingerprinting
apomixis 3267
Beta patellaris 8671
Beta procumbens 8671
Beta vulgaris, sugarbeet 8671
books 13061
Corylus avellana 1760
Dendranthema 4252
Glycine max, nodulation 9400
Ipomoea batatas 3813
Medicago sativa, nodulation 3678
Oryza sativa 4691
Persea americana, phylogeny 5154
Solanum tuberosum, variety classification 10530
Triticum aestivum 1274, 12220
Vaccinium, variety classification 9604
variety classification 6597
Zea mays 8075, 10148-10149
DNA helicase
Arabidopsis thaliana
gene expression 9964
nucleotide sequences 9964
molecular genetics, reviews 7802
DNA hybridization 38
Aegilops 9105
Allium 1598
Allium cepa 1598
Allium roylei 1598
Arabidopsis thaliana, cysteine synthase 5540
Aristavena, taxonomy 9340
Avenella, taxonomy 9340
Corylus avellana, self incompatibility 1759
Crocus, chromosome morphology 9924
Deschampsia, taxonomy 9340
Elymus × *Triticum*, barley yellow dwarf luteovirus 3364
Elymus × *Triticum* × *Thinopyrum*, genomes 2146
Eucalyptus argutifolia 2931
Festuca × *Lolium*, drought resistance 1430
Glycine max
linolenic acid 7148
stearoyl-CoA desaturase 7148
Humulus lupulus 4318
Lilium, chromosome morphology 9924
Lycopersicon esculentum 10595
Lycopersicon peruvianum 10595
Nicotiana gossei 9724
Nicotiana rustica 9724
Nicotiana tabacum 9724
Oryza 7021
Pinus elliottii 10966
Triticum 9105
Zea mays 241
heat shock 2283
DNA ligase, *Coprinus cinereus* 9906
DNA methylation
Arabidopsis thaliana
gene mapping 3233
genetic transformation 47
mutations 3233

DNA methylation *cont.*
Avena sativa 1339
Hordeum × *Secale*, nucleolus organizer 11323
Nicotiana tabacum
antibiotics 7561
pollen 902
salinity 12820
Petunia hybrida 12009
Secale cereale, nucleolus organizer 11323
Secale × *Triticum*, nucleolus organizer 11323
Tripsacum, evolution 1353
Zea, evolution 1353
Zea mays 9197, 10184
colour 5793
DNA binding proteins 9198
seeds 5793
transposable elements 5728, 5732
DNA methyltransferase
Secale cereale
gene mapping 4473
restriction fragment length polymorphism 4473
Triticum aestivum
gene mapping 4473
restriction fragment length polymorphism 4473
DNA polymerase
Pisum sativum, molecular genetics 3748
Triticum aestivum, molecular genetics 1278
DNA probes, *Hordeum vulgare* 5666
DNA repair
Arabidopsis thaliana 2092
gene expression 6645
nucleotide sequences 6645
Oryza sativa 8146
Pisum sativum, gene expression 9439
Zea mays
gene mapping 10181
molecular genetics 10181
Dolichos (*see Canavalia; Lablab; Macrotyloma; Vigna*)
taxonomy 9496
Domestication
Citrus 4001
Cucurbita pepo 9579
grasses 8194
Hordeum spontaneum 8034
Jaltomata procumbens 5588
Lactuca sativa 7300
Oryza sativa 10032
Physalis chenopodifolia 5588
Pseudotsuga menziesii 1026
Solanum mozinianum 5588
Triticum 10032
Triticum dicoccum 9142
Triticum monococcum 9142
Triticum spelta 9142
Vernonia galamensis 10821
Zea diploperennis 10265
Zea mays 5822-5823, 10032, 10265
Zea parviglumis 10265
Dominance
Eragrostis tef, yield components 12430-12431
Nicotiana rustica, quantitative traits 8693
Oryza sativa, regenerative ability 7042
Vigna radiata, yield components 8355
Vigna unguiculata, yield components 12526
DOPA, *Papaver somniferum*, gene expression 4303
Doritis pulcherrima, mutations, colour 13015
Dormancy
Arabidopsis thaliana
gene expression 12870
gene mapping 11182
Arachis hypogaea 2767
genetics 12769
Avena fatua, gene expression 3394, 4574
Betula pendula 2927
Fagus sylvatica 4167
forest trees, gene expression, reviews 12852
grasses, gene expression 4489
Medicago sativa 1444
Oryza sativa 3600

Dormancy *cont.*
Picea abies 2976
Pinus sylvestris 2927
Populus alba, gene expression 12870
Populus tremula, gene expression 12870
Simmondsia chinensis
computer programming 5206
mathematics 5206
Triticum aestivum
gene expression 4489
gene location 11253
Vicia faba, genetics 11550
woody plants, gene expression 5278
Dothidella (*see Microcyclus*)
Drechslera (*see also Cochliobolus; Pyrenophora; Setosphaeria*)
Drosera
chromosome banding 6517
chromosome number 6517
germination 8903
self incompatibility 8900
taxonomy 8903
Drosera graomogolensis, taxonomy 9868
Drosera rosulata, interspecific hybridization 8900
Drosera spathulata, tissue culture 4299
Drosera tubaestylis, interspecific hybridization 8900
Drought resistance 17, 4357-4359, 5514, 9935
(*see also* Heat resistance)
Actinidia chinensis 6210
Actinidia deliciosa 6210
Arabidopsis thaliana
gene expression 4422, 12153
mutations 4428-4429
Arachis hypogaea 859, 4077-4078, 6264
Arachis monticola 4077
artificial selection 4361-4362
Brassica napus, rape 4051
Bromus hordeaceus 4782
Cajanus cajan 4881-4882, 7196, 11576
Camellia sinensis 4106, 12802
Capsicum annuum 636-637
cereals, gene mapping 219
Cicer arietinum 2468
Cocos nucifera 6258, 10803, 11824
conferences 5486
Craterostigma plantagineum, gene expression 12005
crops, gene expression 4356
Dactylis glomerata 4762
Dasypyrum villosum 11283
Eragrostis tef 3671-3672
Festuca arundinacea 10356
Festuca pratensis, heritability 4771
Festuca × *Lolium*
DNA hybridization 1430
genetics 9332
Fragaria chiloensis 3973
gene expression 1165, 4360
Glycine max 4838, 9405
heritability 1494
restriction fragment length polymorphism 2432
Gossypium, reviews 2899
grain legumes 3696-3697
Helianthus annuus 854, 7490, 8595, 9682
artificial selection 11819
in vitro selection 12745
Helianthus argophyllus, *in vitro* selection 12745
Hevea brasiliensis 8775
Hordeum vulgare
gene expression 11307
gene mapping 219
genetic engineering 11307
molecular genetics 1329
Ipomoea batatas 10565
Lens 501
Lolium perenne 12424
Lycopersicon chilense
gene expression 5028
in situ hybridization 5028
nucleotide sequences 5028
Lycopersicon esculentum 6678
Malus 3934
multivariate analysis 1723
Medicago sativa 9348, 11499
genetic transformation 3680

Medicago sativa cont.
in vitro selection 427
molecular genetics 3681
molecular genetics 1165, 4363, 6605
Morus alba 10713
Nicotiana tabacum 9747
genetic transformation 9749, 10863
in vitro selection 12821
Oryza 3627, 10334
Oryza sativa 382, 3625, 3627, 4737, 5921, 7053, 12402
gene expression 11307
gene location 3622
genetic markers 3622
genetic transformation 11307
genotype environment interaction 385
in vitro selection 8174
Pennisetum glaucum, genotype environment interaction 329
Phaseolus vulgaris 4862-4863
artificial selection 6048
random amplified polymorphic DNA 6049
Pinus halepensis 11966
Pisum sativum 4874
Poa pratensis 9324
Populus 5289-5290, 10919, 12876
Quercus suber 9784
Saccharum officinarum 9699
Secale cereale
chromosome addition 4463
gene location 4463
Secale × *Triticum*
chromosome addition 4463
gene location 4463
Solanum melongena 2593
Solanum tuberosum 6678, 11606
gene expression 8384
Sorghum bicolor 4630, 4632, 8117, 9267, 11377
artificial selection 11383
genetic markers 2299
restriction fragment length polymorphism 6975
stability 11384
Stenotaphrum secundatum 8225
Trifolium repens 436
Triticum
artificial selection 4491
heritability 4491
Triticum aestivum 1295-1296, 2185-2188, 3350-3351, 3353, 3356, 4486, 4520, 5514, 6757, 7985, 7988, 10071, 10078, 11279-11280, 12274
chromosome substitution 4514
epistasis 2189
gene location 4514
heritability 6753
in vitro selection 4522
Triticum durum 4510, 11283
Vigna unguiculata 11582
gene expression 6076
nucleotide sequences 6076
Zea mays 298, 2282, 3489, 3507, 3510, 3513-3514, 3518, 5829, 8099, 8101, 9233, 10209, 10252, 11361, 12332
artificial selection 4612, 10253-10254
gene mapping 1377
genetic markers 10255, 10264
genotype environment interaction 303, 10253-10254
in vitro selection 5828
polymerase chain reaction 10255
restriction fragment length polymorphism 1377
Dry matter
Gossypium hirsutum 9773
Hordeum vulgare 10115
Saccharum officinarum 8652
Sesamum indicum 12775
Solanum tuberosum 1573
Trifolium repens
artificial selection 10382
heterosis 11505
Duplicate genes (*see* Genetics)
Dwarf habit (*see* Height)
Dysaphis devecta
Malus pumila
gene mapping 7362
linkage 7362

Dysaphis devecta *cont.*
Malus pumila *cont.*
restriction fragment length polymorphism 7362
Ebenus cretica, genetic resources 4247
Echinacea purpurea
flowering 4258
genetic resources 9826
self pollination 4258
Echinochloa colonum, tissue culture 4654, 6996
Echinochloa helodes
meiosis 10284
seed production 10284
Ecology, *Dioscorea* 8404
Economics
genetic resources 11127
Gossypium, hybrid seed production 932
Oryza sativa
breeding 10285
genetic resources 10285
Ecotypes
Allium sativum 2527, 6108
Arabidopsis thaliana 5563, 9042, 11189
nucleotide sequences 3239
Bromus hordeaceus 4782
Dactylis glomerata 4761
Digitaria eriantha 10363
Festuca pratensis 4771
Lolium perenne 1431-1432
Poa pratensis 7077
Saccharum officinarum 8654
Silene vulgaris 12989
Sorbus aucuparia 2956
Trifolium repens 1452
Trifolium subterraneum 10381
Triticum dicoccoides 10053
Triticum dicoccum 9136
Triticum spelta 9136
Vitis vinifera 6204
Edible fungi, protoplast fusion 1127
Edible species, genetic resources 6588
Elaeagnus angustifolia, tissue culture 5354
Elaeis guineensis
cold resistance 7502
fluorescence *in situ* hybridization, ribosomal RNA 5189
gene expression 7498
gene mapping 7500
genetic transformation 7498-7499
genetic variance, yield components 10801
germination 7501
heritability, yield components 10801
hybrid seed production 12747-12748
in vitro culture 7501
isoenzymes 5190
linkage 7500
precocity 7502
protoplast culture 1817
protoplasts 1817
restriction fragment length polymorphism 7500
seeds 7501
somaclonal variation 12750
tissue culture 12749-12750
yield correlations 1816
Elasmopalpus lignosellus, *Arachis hypogaea,* genetic transformation 8610
Electrical properties, *Glycine max* 4828
Electrical treatment, *Helianthus annuus* 11818
Electrons, *Lycium barbarum* 3110
Eleusine coracana
artificial selection, yield components 10282
breeding 4455, 11400
Cercospora eleusine 9091
esterases 5866
ethyl methanesulfonate 6995, 8125
gamma radiation 8125
genetic resources 1392, 4455
genetic variance, yield components 8126
genetics, chlorophyll 10283
genotype environment interaction 3570-3571
germplasm releases, male sterility 6995
heritability, yield components 10282
heterosis
proteins 5865
seeds 5865
Eleusine coracana *cont.*
induced mutations
chlorophyll 8125
fertility 8125
Magnaporthe grisea 5866
multivariate analysis, mutations 1393
mutagens 6995, 8125
mutations, chlorophyll 10283
yield correlations 330, 3569, 8126-8127, 12354
Eleutherococcus sieboldianus, tissue culture 9816
Elongation factors
Arabidopsis thaliana
gene expression 7813
genetic engineering 7813
nucleotide sequences 7807
Nicotiana tabacum
gene expression 7813
genetic transformation 7813
Elymus *(see also Agropyron; Leymus; Psathyrostachys)*
Gibberella zeae 8214
inflorescences 4775
nomenclature 5961
plant embryos 7086
random amplified polymorphic DNA, taxonomy 12203
repetitive DNA
phylogeny 4774
taxonomy 12203
restriction fragment length polymorphism
phylogeny 4774
taxonomy 12203
taxonomy 7086
Elymus calderi, taxonomy 8213
Elymus giganteus, tissue culture 414
Elymus hispidus, somaclonal variation 2166
Elymus hoffmanni
chromosome pairing 7085
interspecific hybridization 7085
Elymus lanceolatus, palatability 2380
Elymus repens
chromosome pairing 7085, 12425
interspecific hybridization 7085
random amplified polymorphic DNA, height 12425
somaclonal variation, chromosome pairing 2379
Elymus spicatus
grazing 11480
palatability 2380
polyploidy 11480
Elymus* × *Avena* × *Secale* × *Triticum, intergeneric hybridization 6690
Elymus* × *Hordeum
Gibberella zeae 8214
intergeneric hybridization 8214
Elymus* × *Leymus
embryo culture 7084
intergeneric hybridization 7084
Elymus* × *Psathyrostachys, intergeneric hybridization 1437
Elymus* × *Secale, intergeneric hybridization 2142
Elymus* × triticale × *Triticum, intergeneric hybridization 4469
Elymus* × *Triticum
apomixis 11240
backcrossing 125
chromosome aberrations 122, 2145
chromosome addition 2147-2148
Puccinia striiformis 180
chromosome banding 6716
chromosome elimination 5618
chromosome morphology 122
chromosome pairing 125, 6716
chromosome translocation 2148
chromosome transmission 5618
development 122
DNA hybridization, barley yellow dwarf luteovirus 3364
embryo culture 11239
Erysiphe graminis 7998
gene location, barley yellow dwarf luteovirus 3364
in situ hybridization, genomes 4481
intergeneric hybridization 122, 125, 180, 2142, 2145, 2147-2148, 2166, 3364, 4481, 5618, 6716, 7998, 10033, 11239-11240, 12248
Elymus* × *Triticum *cont.*
meiosis 122
nucleocytoplasmic interaction 122
tissue culture 12248
random amplified polymorphic DNA, genomes 4481
recombination 2147
salinity 10033
somaclonal variation 2166
unreduced gametes 11240
Elymus* × *Triticum* × *Thinopyrum
DNA hybridization, genomes 2146
intergeneric hybridization 2146
Elymus* × *Triticum* × *Zea
fluorescence *in situ* hybridization 2257
intergeneric hybridization 2257
Elytrigia *(see also Elymus)*
Embryo culture
Aegilops 9132
Aegilops tauschii 1305
Aesculus hippocastanum 10941
Arachis 6271
Arachis cardenasii 12767
Arachis hypogaea 12767
Brassica 1767
Brassica juncea 7444
Brassica tournefortii 7444
Brassica × *Raphanus* 7252
Carica cauliflora 805
Carica papaya 805
Cenchrus × *Pennisetum* 5861
Cercis canadensis 7635
Citrus 798
Coffea arabica 4108
conferences 8943
Cucumis melo 10622
Dalbergia sissoo 10940
Elymus × *Leymus* 7084
Elymus × *Triticum* 11239
fodder legumes, reviews 3648
Glycine 1492
Gossypium 10872
Hibiscus syriacus 3033
Hordeum vulgare, chromosome number 1317
Leymus 7084
Leymus × *Psathyrostachys* 7084
Leymus × *Triticum* 11239
Lilium 11038
Lolium multiflorum 8209
Lycium chinense 9879
Malus 5083
Nicotiana tabacum 9727
Olea europaea 12755
Oryza 9289
Oryza minuta 2322
Oryza sativa 2322, 8167, 9303-9304, 12373
Pelargonium domesticum 6438
Pennisetum 5861
Phaseolus coccineus 6043, 12486
Phaseolus polyanthus 6043
Phaseolus vulgaris 6043, 12486
Picea engelmannii 10972
Picea glauca 10972
Piper nigrum 6543
Pisum sativum 11565
Prunus avium 11729
Prunus persica 12652
Quercus robur 12867
Ranunculus lyallii 4267
Rosa hybrida 11991
Taxus brevifolia 7651
Tripsacum × *Triticum* 12206
triticale 6877, 9182
Triticum 9132
Triticum aestivum 140, 9182
reviews 5639
Triticum durum 7968
Triticum × *Zea* 2143, 6686, 12206
Tulipa gesneriana 6502
Vigna 11586
Vitis vinifera 7399
Zantedeschia 4277
Zea mays 3480, 5809, 10227
Zizania palustris 7068
Embryo sac
Arachis hypogaea 9687
Gossypium barbadense 2876
Gossypium hirsutum 5257
Nicotiana tabacum, techniques 9727

Embryo sac *cont.*
Oryza sativa 4696
Zea mays
genetics 9203
mutations 9203
Embryology
Arabidopsis thaliana
gene expression 1214
mutations 1214
books 3146
Brassica chinensis 6117
Convallaria majalis 5425
Eucalyptus platypus 10900
Eucalyptus spathulata 10900
Gentianella 9844
Gossypium barbadense 2876
Liriodendron chinense 6384
Liriodendron tulipifera 6384
Polygonatum humile 4261
Taxus baccata 8803
Embryos (*see* Plant embryos)
Empetrum nigrum
acylglycerols 10690
fatty acids 10690
oils 10690
Empoasca fabae
Medicago sativa 10374
Solanum tuberosum, artificial selection 8391
Encephalartos cycadifolius, tissue culture 8805
Encyclia trulla, nomenclature 8886
Endo-1,4-β-xylanase
Hordeum vulgare
gene expression 6780
nucleotide sequences 6780
Endocronartium harknessii, *Pinus ponderosa* 4197
Endonuclease, *Nicotiana tabacum*, genetic transformation 945
Endophytes
Lycopersicon esculentum 12601
Saccharum officinarum 9085
Zea mays 9085
Endosperm
Arabidopsis thaliana, mutations 2094
Corchorus olitorius, maternal effects 12842
Hordeum vulgare 213
abnormal development 206
induced mutations 206
Oryza sativa
gene expression 6915
genetic engineering 6915
genetics 11431
induced mutations 11431
mutations 11419
Secale cereale
gene mapping 12300
mutations 12300
restriction fragment length polymorphism 12300
Triticum aestivum 144, 12250
induced mutations 10063
Zea mays 284, 1373, 5819, 10238
gene expression 5776, 6915, 11344, 12176, 12314
gene mapping 5818
genetic transformation 253, 6915
genetics 3484, 10213, 10233, 10237
molecular genetics 5776, 5821
mutations 3463, 5788, 5791, 5812, 10213, 10224, 10236-10237
Endosulfan, *Brassica campestris*, sarson, *in vitro* selection 4054
Energy resources
bamboos 11087
Miscanthus ogiformis 9339
Miscanthus sinensis 9339
Oryza sativa 8158
Panicum virgatum 3554
Populus deltoides 1883
Ensete superbum, tissue culture 7255
Entoloma olivipes, taxonomy 13052
Entomosporium mespili, *Rhaphiolepis indica* 11008
Enzyme inhibitors
Hordeum vulgare, gene expression 8023
Phaseolus 7125
Vigna 7125
Enzymes
Beta vulgaris, sugarbeet, genetic engineering 4098
Daucus carota 3807
Gossypium hirsutum, gene expression 8728
Hordeum vulgare, genetic markers 2219
Nicotiana tabacum, mutations 2843
Triticum aestivum 3346
genetic markers, reviews 6709
Zea diploperennis 12334
Zea mays 9250, 12331, 12333-12334
gene dosage 9220
mutations 9220
Eoreuma loftini, *Cynodon* 2381
Epidendrum fruticosum, nomenclature 8887
Epidendrum micronocturnum, taxonomy 8890
Epidendrum norae, taxonomy 8890
Epidendrum tumuc-humaciense, taxonomy 8890
Epidendrum viejii, nomenclature 8887
Epidermis, *Festuca rubra* 3660
Epilachna varivestis, *Glycine max* 10442
Epimedium
random amplified polymorphic DNA 5452
restriction fragment length polymorphism 5452
Epimedium koreanum
polymerase chain reaction 11996
random amplified polymorphic DNA 11996
Epipactis atrorubens, interspecific hybridization 7705
Epipactis helleborine
chemotaxonomy 11045
genetic variation, isoenzymes 8881
interspecific hybridization 7705
phenolic compounds 11045
Epipactis veratrifolia
chemotaxonomy 11045
phenolic compounds 11045
Epistasis
Brassica juncea, Albugo candida 11813
Brassica napus
rape
flowers 10769
leaves 10769
Brassica oleracea, Plasmodiophora brassicae 6123
Eragrostis tef, yield components 12431
evolution 11212
Glycine max, shedding 7142
Gossypium hirsutum, yield components 7597
Hordeum vulgare
inflorescences 8027
yield components 8027
Lagenaria siceraria, flowering 3913
Lycopersicon esculentum, quantitative traits 1653
Mimulus guttatus 1057
Momordica charantia, Bactrocera cucurbitae 1714
Nicotiana rustica, quantitative traits 8693
Oryza sativa
amylose 2336
quantitative traits 8159
Populus deltoides, yield components 5287
Populus trichocarpa, yield components 5287
quantitative traits, mathematics 12164
Triticum aestivum
drought resistance 2189
yield components 2162, 5636, 7954-7955, 11257
Triticum durum, harvest index 6730
Vigna radiata, yield components 8355
Zea mays, quantitative traits 5760
Eragrostis
chromosome pairing 3663
polyploidy 3663
taxonomy 8221
Eragrostis aegyptiaca, taxonomy 5969
Eragrostis curvula
apomixis 11461
chromosome pairing 3663
interspecific hybridization 3663
isoenzymes 7094
Eragrostis curvula *cont.*
taxonomy 7094
tissue culture 4778
wide hybridization 3663
Eragrostis dayanandanii, taxonomy 12434
Eragrostis lehmanniana, interspecific hybridization 3663
Eragrostis rivalis, taxonomy 5969
Eragrostis tef
DNA 3665
dominance, yield components 12430-12431
drought resistance 3671-3672
epistasis, yield components 12431
gamma radiation 4779
genetic resources 7092
heritability, yield components 12430
multivariate analysis 7092
polyploidy 3665
tissue culture 4779
variety trials 2382
Eremocitrus glauca, protoplast culture 7419
Eremopyrum (*see Agropyron*)
Erianthus, restriction fragment length polymorphism, evolution 7536
Erianthus arundinaceus, Pachymetra chaunorhiza 8667
Erianthus* × *Saccharum
genetic markers 8641
intergeneric hybridization 8641
random amplified polymorphic DNA 8641
Erica
chlorosis 4227
soil pH 4227
Erica andevalensis, sexual reproduction 11987
Erica griffithsii, varieties, Valerie Griffiths 10996
Erica manipuliflora, interspecific hybridization 10996
Erica roseoloba, taxonomy 5358
Erica saptouensis, taxonomy 5358
Erica vagans, interspecific hybridization 10996
Eriobotrya japonica
gamma radiation 668
induced mutations 668
Eruca pinnatifida, Albugo candida 8615
Eruca sativa (*see Eruca vesicaria*)
Eruca vesicaria
Albugo candida 8615
artificial selection
oils 7524
quality 7524
Eruca* × *Brassica
fluorescence *in situ* hybridization 11793
intergeneric hybridization 7447, 11793
repetitive DNA 11793
Eruca* × *Raphanus, intergeneric hybridization 7447
Erucastrum gallicum, isoenzymes 7522
Erucastrum* × *Diplotaxis, intergeneric hybridization 7522
Erucic acid
Brassica alboglabra, genetics 10774
Brassica campestris
sarson, genetics 10774
turnip rape, genetics 10774
Brassica napus, rape, genetics 7475, 10774
Erwinia amylovora
Malus, genetics 8468
Malus pumila 654, 1724, 6178, 8467, 8472
genetic transformation 8471
pome fruits 654
Pyrus 8467
genetics 8468
Pyrus communis 654
combining ability 8477
Pyrus pyrifolia 10666
Erwinia carotovora
Glycine max 9410
Nicotiana tabacum
gene expression 5250
genetic transformation 5250
Solanum 10543
Solanum tuberosum 3801, 6092, 9510, 10542
genetic transformation 10541

Erwinia chrysanthemi
Solanum tuberosum 6092
Zea mays 9254
Erwinia salicis
Salix alba 2948
Salix fragilis 2948
Erysiphe, Lycopersicon esculentum 616
Erysiphe cichoracearum
Nicotiana benthamiana 6797
Nicotiana tabacum 8703
genetic transformation 11894
Senecio vulgaris, population genetics 7792
Zinnia 3067
Erysiphe cruciferarum, Brassica napus, rape, chimaeras 5182
Erysiphe graminis
Aegilops × *Triticum,* chromosome substitution 5649
Avena fatua 10129
Avena hirtula, chromosome substitution 225
Avena sativa 10129
chromosome substitution 225
cereals, genetics 7881
Elymus × *Triticum* 7998
Hordeum bulbosum 6796
Hordeum vulgare 222, 6796, 9173, 10120
chromosome addition 3386
gene expression 3391, 9175
gene location 4565
genetic markers 3386
genetic transformation 3390
genetics 3387-3389, 4564, 5685-5686, 7785, 8043, 10087
molecular genetics 9175
nucleotide sequences 6798
polymerase chain reaction 3386
restriction fragment length polymorphism 3386, 4565
Secale cereale 226-227
Triticeae 1264
Triticum, genetics 4533, 10082
Triticum aestivum 3356, 3359, 6763, 10085-10086
chromosome addition 3386
chromosome translocation 174, 3361, 10083
chromosome transmission 6764
gene expression 3360
gene location 178
gene mapping 10083
genetic markers 3361, 3386
genetics 172, 174, 4533, 5651, 6762, 11290-11292, 12275
heritability 5650
polymerase chain reaction 3386
random amplified polymorphic DNA 10088
restriction fragment length polymorphism 3386
Triticum araraticum, genetics 12275
Triticum durum
genetic transformation 12202
genetics 172
Erysiphe pisi, Pisum sativum, genetics 12509
Erysiphe polygoni, Pisum sativum 7179
Erythrina, taxonomy 5307, 10944
Erythrina variegata
gene expression, chymotrypsin inhibitors 4182
nucleotide sequences, chymotrypsin inhibitors 4182
Essential oil plants, gene banks 8904
Essential oils
Achillea crithmifolia 8914
Achillea millefolium, genetics 8912
Angelica sinensis 4313
Artemisia absinthium 12047
Artemisia dracunculus 4309
Atractylodes 2002
Atractylodes chinensis 4315
Atractylodes koreana 4315
Atractylodes lancea 4315
Backhousia citriodora, artificial selection 7736
Callistemon viminalis 8818
Chamomilla recutita, stability 11068
Citrus 3999, 10741, 12693
Citrus limon 12692
Essential oils *cont.*
Citrus sinensis 10741
Clausena anisata 4314
Codonopsis lanceolata 8927
Daucus carota 3809
Eucalyptus 4165
Foeniculum vulgare 7733, 8924
Fragaria ananassa 8508
Iris pallida 7737
Lavandula 7738
Lavandula angustifolia, polyploidy 9895
Leptospermum scoparium 11082
Lippia alba 4302
Lycopersicon esculentum 2574
Lycopersicon hirsutum 2574
Melaleuca alternifolia, artificial selection 7735
Mentha arvensis, induced mutations 9892
Mentha canadensis 9893
Mentha piperita, induced mutations 9892
Mentha spicata 12044
Micromeria 4316
Ocimum basilicum 4307, 11080, 13041
Origanum onites 4310
Pelargonium, clonal variation 13045
Piper nigrum 12042
Rosmarinus officinalis 9898, 11084
Salvia officinalis 1119
Tanacetum vulgare 11083
Thapsia villosa 2001
Thymus zygioides 4308
Esterases
Agaricus bisporus, polymorphism 1129
Camellia sinensis, heterosis 2824
Cicer arietinum 10481
Cocos nucifera, polymorphism 12751
Coronilla varia 3693
Cucumis sativus, polymorphism 12636
Dactylorhiza incarnata, polymorphism 8884
Eleusine coracana 5866
Glycine gracilis 2420
Glycine max 2420, 6014
Glycine soja 2420
Hordeum agriocrithon 4552
Hordeum spontaneum 4552
Hordeum vulgare 4552
genetic markers 5689
genetics 2220, 5689
linkage 10121
polymorphism 8028
Ipomoea batatas 8399
Liliaceae 3081
Myristica fragrans
gene expression 12200
nucleotide sequences 12200
Oryza 11408
Oryza grandiglumis, genetic markers 1404
Oryza officinalis, genetic markers 1404
Oryza sativa 9296
genetic markers 1404
Triticum × *Zea* 12207
Ulmus americana
gene expression 12200
nucleotide sequences 12200
Ethephon
Helianthus annuus 10787
Prunus persica 7387
Triticum aestivum 2155
Triticum durum 2155
Ethyl methanesulfonate
Arabidopsis thaliana 2105, 4420, 4910, 9023, 9040
Arachis hypogaea 6285, 9688
Brassica napus, rape 12737
Cajanus cajan 9472
Capsicum annuum 7330
Clitoria ternatea 11018
Eleusine coracana 6995, 8125
Euphorbia lagascae 5207
Glycine max 3714
Guizotia abyssinica 8612
Helianthus annuus 7491
Hordeum vulgare 6785
Lens culinaris 5998
Medicago truncatula 5980
Nigella sativa 9885
Oryza sativa 4707, 4713, 8145, 9299
Papaver somniferum, statistics 13023
Petunia hybrida 3071-3072
Ethyl methanesulfonate *cont.*
Pisum sativum 5998, 10468
Solanum tuberosum 7221
triticale 8065
Triticum aestivum 10063
Vicia faba 8294, 10445, 12481
Vigna mungo 525, 8356, 10510-10511
Zea mays 5764, 5778, 8087, 10201, 10208
***N*-ethyl-*N*-nitrosourea,** *Brassica oleracea,* cauliflowers 1630
Ethylene
Actinidia chinensis, gene expression 9617
Arabidopsis thaliana
gene expression 1206
genetic engineering 1064, 9007
molecular genetics 9033
reviews 11175
mutations 1206, 9033, 9036, 9974
Cucumis melo
gene expression 7335
genetic transformation 7335
Dianthus caryophyllus
gene expression 9835, 12188
genetic transformation 1064
gene expression 3168, 12188
genetic engineering 4370
Glycine max 4820
Lycopersicon esculentum
gene expression 1206, 1651-1652, 3876, 5080, 12188
genetic transformation 5080, 9007
mutations 1206
Malus pumila, genetic engineering 5080
Medicago truncatula, induced mutations 5980
mutations 3168, 12191
Nicotiana tabacum, gene expression 6330, 11895, 12808
Oryza sativa 9294
Pelargonium hortorum, gene expression 12920
Petunia hybrida, genetic transformation 9007
Pisum sativum 4869
Pyrus communis
gene expression 8476
nucleotide sequences 8476
Triticum aestivum 11274
Vitis vinifera, genetic transformation 7397
Zea mays 9209
Ethyleneimine
Cucumis sativus 1710
Linum usitatissimum, flax 11912
Oryza sativa 10318
Eucalyptus
artificial selection 961
chemotaxonomy 4165, 8780
essential oils 4165
genetic transformation 6366
hybrid varieties 1879-1880
insects 11926
interspecific hybridization 961
ornamental value 1879-1880
tissue culture 6366-6367
varieties
Summer Beauty 1879
Summer Red 1880
Eucalyptus amygdalina
interspecific hybridization 4164
random amplified polymorphic DNA 4164
Eucalyptus argutifolia
DNA hybridization 2931
outcrossing 7622
Eucalyptus camaldulensis
provenance trials 7618
salinity 10904
waterlogging 10904
wood properties, techniques 11925
Eucalyptus cloeziana, artificial selection 11924
Eucalyptus drummondii, interspecific hybridization 12858
Eucalyptus ficifolia, interspecific hybridization 1879-1880
Eucalyptus globulus
artificial selection 5280
genetic engineering, lignin 12860

Eucalyptus globulus cont.
heritability
height 5280
yield components 965
outcrossing 5282
tissue culture 10903
vegetative propagation 10903
wood properties, techniques 11925
Eucalyptus grandis
combining ability 10898-10899
gene mapping 5281
genetic markers 2926
genetic transformation, *Agrobacterium* 7619
genotype environment interaction, wood properties 1881
interspecific hybridization 5281, 6366, 7619, 10898-10899
multivariate analysis 10899
outcrossing 964
provenance trials 4163
random amplified polymorphic DNA 5281, 10898
quantitative traits 7621
Eucalyptus graniticola, random amplified polymorphic DNA 12858
Eucalyptus gunnii
gene expression
cinnamoyl-CoA reductase 10902
cinnamyl-alcohol dehydrogenase 10902
nucleotide sequences
cinnamoyl-CoA reductase 10902
cinnamoyl CoA:NADP oxidoreductase 7620
cinnamyl-alcohol dehydrogenase 10902
Eucalyptus maculata, microsatellites 963
Eucalyptus nitens
breeding 11923
combining ability, rooting capacity 8779
gene mapping
height 8778
leaves 8778
heritability
rooting capacity 8779
wood properties 12859
microsatellites 963
restriction fragment length polymorphism 962
height 8778
leaves 8778
seed orchards 11923
Eucalyptus platypus
embryology 10900
incompatibility 10900
interspecific hybridization 10900
Eucalyptus ptychocarpa, interspecific hybridization 1879-1880
Eucalyptus regnans
inbreeding depression 10901
natural selection, self pollination 10901
outcrossing 10901
Eucalyptus rhodantha
genetic resources 2930
reproduction 2930
Eucalyptus risdonii
interspecific hybridization 4164
random amplified polymorphic DNA 4164
Eucalyptus rudis, interspecific hybridization 12858
Eucalyptus spathulata
embryology 10900
incompatibility 10900
interspecific hybridization 10900
Eucalyptus urophylla
combining ability 10898-10899
gene mapping 5281
genetic markers 2926
genetic transformation, *Agrobacterium* 7619
interspecific hybridization 5281, 6366, 7619, 10898-10899
multivariate analysis 10899
random amplified polymorphic DNA 5281, 10898
Eucheuma, genomes 8934
Euchlaena *(see Zea)*
Eugenia *(see also Syzygium)*
Eugenia uniflora
variety trials 9646
varieties, Gitit 10752
Eulaliopsis binata, variety trials 10889
Eulophia sinensis, genetic variation, isoenzymes 9860
Euphorbia, taxonomy 10991
Euphorbia astrophora, taxonomy 6522
Euphorbia lagascae
ethyl methanesulfonate 5207
induced mutations
chlorophyll 5207
morphology 5207
shedding 5207
mutagens 5207
Euphorbia pulcherrima
random amplified polymorphic DNA, variety classification 12923
variety trials 6420, 10995
varieties
268-Pink 5342
490-Marble 5344
490-White 5345
Celebrate Two Pink 5342
Eckespoint Freedom 5343
Eckespoint Freedom Marble 5344
Eckespoint Freedom White 5345
Euphoria *(see Dimocarpus)*
Eurocastrum × ***Brassica,*** intergeneric hybridization 11795
Eustoma grandiflorum
gamma radiation 5406
gene expression, flavonol 3-*O*-glucosyltransferase 12007
genetic transformation 4255
colour 6473
flavonol 3-*O*-glucosyltransferase 12007
flowers 6473
naringenin-chalcone synthase 6473
tomato spotted wilt tospovirus 6465
induced mutations, flowers 5406
mutagens 5406
regenerative ability 4266
varieties
Florida Blue 4249
Maurine Blue 4248
Euterpe precatoria
flowering 11952
pollination 11952
Euura, Salix lasiolepis 10926
Euura lasiolepis, Salix lasiolepis 10926
Evolution 3249, 6611, 10012, 11207, 12182
Aegilops, restriction fragment length polymorphism 4545
Aegilops tauschii 2137
Allium 7263
Allium cepa, random amplified polymorphic DNA 7267
angiosperms
chloroplast genetics 100, 3279
NADH dehydrogenase 3277
apomixis, reviews 7864
Aquilegia chrysantha 4256
Aquilegia longissima 4256
Arabidopsis thaliana
actin 7821
nucleotide sequences 1199
Arachis, restriction fragment length polymorphism 2770
Arachis duranensis 2766
Arachis hypogaea 2766
Arecaceae
molecular genetics 8987
nucleotide sequences 8987
Aristea 1086
Astragalus, nucleotide sequences 4811
books 1142
Brassica, restriction fragment length polymorphism 1774
Brassica juncea 4050
Brassicaceae 4444, 7481
Cactaceae, nucleotide sequences 8902
Camellia 9817
Chamaecyparis 9805
chloroplast genetics 2066
Coffea
chloroplast genetics 11869
restriction fragment length polymorphism 11869
Coprinus cinereus, recombination 9549
Evolution *cont.*
Corydalis 9882
Crataegus douglasii 10670
Cupressus 6414
Cypripedium parviflorum 7703
Dactylorhiza purpurella 6507
Disa draconis 8882
epistasis 11212
Erianthus, restriction fragment length polymorphism 7536
Fabaceae, nitrogen fixation 9366
Fagopyrum esculentum, random amplified polymorphic DNA 3638
flowers 6668, 10009, 12178
asymmetry 10010
genetic markers, reviews 1801
Gerbera hybrida, nucleotide sequences 7672
Glycine gracilis 3711
Glycine max 3711
Glycine soja 3711
Gossypium, ribosomal DNA 10878
grasses
photosynthesis 4758
repetitive DNA 4776
Guizotia abyssinica 5211
gymnosperms
chloroplast genetics 100
NADH dehydrogenase 3277
Helictotrichon 5966
Hordeum, cytology 1327
Hordeum vulgare 4559, 8034
Hyacinthus 1971
Ipomopsis aggregata, chloroplast genetics 12002
Ipomopsis tenuituba, chloroplast genetics 12002
Iridaceae, chromosome number 12012
leaves, asymmetry 10010
Lens
chloroplast genetics 7183
restriction fragment length polymorphism 7183
Liliaceae 3081
Litsea 10942
Lobelia 3064
Lotus corniculatus 1476
Lycium 6539
Lycopersicon esculentum, recombination 9549
mathematics 12181
mitochondria 8973
molecular genetics 7770, 8985, 9982, 10015, 11162
reviews 12113
Narcissus 1971
nitrate reductase, nucleotide sequences 6672
nitrogen fixation 4453
nucleotide sequences 34, 5516, 5590
Oenothera, chloroplast genetics 6462
Orchidaceae 12025
Oryza
chloroplast genetics 7018
repetitive DNA 7018
Oryza rufipogon, ribosomal DNA 4678
Oryza sativa, ribosomal DNA 4678
Papaveraceae 4444
pathogens 19, 21, 9937, 11213
Pelargonium 3025, 9818
Pharbitis purpurea, naringenin-chalcone synthase 11017
Phaseolus vulgaris 3736
Physalis crassifolia, nucleotide sequences 98
Pistacia, chloroplast genetics 12717
plants, nucleotide sequences 99
Poaceae
gene mapping 12417
molecular genetics 8987
nucleotide sequences 8987
pollination 6668, 12171
polyembryony, reviews 7864
Prunus, peaches 7390
Prunus cerasus
chloroplast genetics 11731
restriction fragment length polymorphism 11731
Psilanthus
chloroplast genetics 11869

Evolution *cont.*
Psilanthus cont.
restriction fragment length polymorphism 11869
Pteridophyta, nucleotide sequences 99
reviews 4446
Rhododendron 7663
RNA editing 11216
Rosa 11010
Saccharum, restriction fragment length polymorphism 7536
Salicaceae 10895
self incompatibility 7863
sex 4440
Solanaceae 3265
Solanum carolinense, nucleotide sequences 98
Solanum chacoense
random amplified polymorphic DNA 10540
restriction fragment length polymorphism 10540
Solanum microdontum
random amplified polymorphic DNA 10540
restriction fragment length polymorphism 10540
Solanum muricatum, restriction fragment length polymorphism 6229
Solanum tabanoense, restriction fragment length polymorphism 6229
statistics 12180
Theobroma cacao 10845
transposable elements 5589
Tripsacum, DNA methylation 1353
Tripsacum dactyloides 9261
Triticum aestivum 2137
Tulipa 1971
Vigna angularis 4889
vivipary 2109
Zea 3487, 9261
DNA methylation 1353
Zea mays 2261, 3487, 5821, 6940-6941, 10240, 10244
molecular genetics 10241
Exacum
genetic resources 6460
taxonomy 6460
Experimental design 1160
Beta vulgaris, sugarbeet 2807
breeding 8
computer programming 2034-2035
Gossypium, variety trials 8709
Hordeum vulgare 1257
variety trials 5597
Pinus sylvestris, provenance trials 1004
Saccharum officinarum, variety trials 2775
Solanum tuberosum 2486, 3783
statistics 2034, 3157-3158
synthetic varieties 4352
Triticum aestivum 1257
variety trials 5597
Triticum durum 2154
variety trials 5597
Zea mays 3493, 11328
Extensin
Brassica juncea, gene expression 838
Brassica napus, rape, gene expression 838
Nicotiana tabacum
gene expression 838, 6318
genetic transformation 838
nucleotide sequences 6318
Fabaceae
checklists, books 4338
chemotaxonomy, books 1148
chromosome number 7858
evolution, nitrogen fixation 9366
gene expression, nodulation 11519, 12455
gene mapping, nodulation 11519
nomenclature 12183
nucleotide sequences
phylogeny 2113
ribulose-bisphosphate carboxylase 2113
taxonomy 2414
Fagopyrum
chloroplast genetics 9316
genetic resources 7063
Fagopyrum cont.
molecular genetics
ribulose-bisphosphate carboxylase 3639
taxonomy 3639
nucleotide sequences 9316
restriction fragment length polymorphism, taxonomy 5949
Fagopyrum esculentum
determinate and indeterminate habit 1423
flavonoids 7065
genotype environment interaction, antioxidants 7065
Heterodera schachtii 1424
interspecific hybridization 2367
multivariate analysis, yield components 8184
ovule culture 2367
plant introduction 11451
polyploidy 5948
quality 11453
random amplified polymorphic DNA, evolution 3638
regenerative ability 11452
seeds 5948
starch 11453
variety trials 7064, 11451
varieties
Demetra 6681
Ganqiao-2 3637
Ufimskaya 6681
Fagopyrum tataricum
interspecific hybridization 2367
ovule culture 2367
polyploidy 5948
quality 11453
seeds 5948
starch 11453
Fagus crenata, genetic variation, isoenzymes 7624
Fagus orientalis
chemotaxonomy 968
genetic markers, proteins 968
Fagus sylvatica
air pollution 957, 2940, 8784
artificial selection, habit 2939
breeding 11931
chemotaxonomy 968
chloroplast genetics
gene flow 6371
phylogeny 6371
dormancy 4167
gene expression, ultraviolet radiation 12854
genetic markers 10910
proteins 968
genetic resources 2936-2937
genetic variation 957
isoenzymes 2938, 8784, 10911, 11932
genotype environment interaction 10911
geography 4167
latitude 957
polymerase chain reaction, pollen 10909
polymorphism, isoenzymes 967
population genetics 967
provenance trials 2940, 6370
regenerative ability 11933
seed production 11931
soil types 10911
Farm inputs
Glycine max 11537
vegetables 2119
Zea mays 6945
Farmers' rights 9907
Farnesyl-diphosphate farnesyltransferase
Arabidopsis thaliana
mutations 41
nucleotide sequences 41
Lycopersicon esculentum
gene expression 9547
nucleotide sequences 9547
Pisum sativum
gene expression 6056
nucleotide sequences 6056
Farnesyl-diphosphate synthase, *Nicotiana tabacum,* genetic transformation 8686
Fasciation
Glycine max
genetics 9382
mutations 10420
Fatty acid desaturases
Arabidopsis thaliana, molecular genetics 7818
Glycine, genetics 8280
Fatty acids
Arabidopsis thaliana
gene expression 11171, 12779
genetic transformation 9690, 11809, 12779
mutations 9047, 11180
Arachis hypogaea 6273-6274
Bactris gasipaes 4013
Brassica juncea 5181
genetics 2745
Brassica napus
rape 2743, 7451
genetic engineering 837
genetic transformation 11809, 12200
genetic variance 1787
techniques 12734
Cuphea lanceolata
genetic markers 7520
polymerase chain reaction 7520
Cuphea viscosissima
genetic markers 7520
genetics 8614
mutations 8614
polymerase chain reaction 7520
Cuphea wrightii
gene expression 12779
nucleotide sequences 12779
Empetrum nigrum 10690
fatty oil plants, genetic engineering 4026, 10763
Glycine max 10425
genetic engineering 3713
multivariate analysis 2426
Guizotia 10823
Guizotia abyssinica 10823
Hyptis suaveolens 5210
Juglans regia 813
Myristica fragrans
gene expression 12200
nucleotide sequences 12200
Ocimum 5466
Olea europaea 4071, 12759, 12761
Pistacia vera 4023
Prunus dulcis, variety classification 6233
Rubus chamaemorus 10690
Salvia 5210
Simmondsia chinensis 5200
Ulmus americana
gene expression 12200
nucleotide sequences 12200
Zea mays 9242
Fatty oil plants
Aphididae 1793
breeding 4026
books 11115
genetic engineering
fatty acids 4026, 10763
oils 10763
genetics, books 11115
Fe(III)-chelate reductase
Lycopersicon esculentum
gene expression 105
mutations 105
Pisum sativum
gene expression 105
mutations 105
Female fertility
Musa 7405
Primula vulgaris, genetics 6468
Tripsacum dactyloides
mutations 9210
restriction fragment length polymorphism 9210
Tripsacum × *Zea*
mutations 9210
restriction fragment length polymorphism 9210
Fenthion
Lycopersicon esculentum
gene expression 7320, 11644-11645
genetics 11644
nucleotide sequences 7320
Ferocactus, chromosome number 6518
Ferredoxin
Zea mays
gene expression 12320

Ferredoxin *cont.*
Zea mays cont.
nucleotide sequences 12320
Ferredoxin-nitrite reductase, *Oryza sativa,* nucleotide sequences 344
Ferritin
Arabidopsis thaliana
gene expression 4413
nucleotide sequences 4413
Glycine max, nucleotide sequences 6006
Fertility
Aloysia lycioides 6530
Alstroemeria aurea 8868
Alstroemeria caryophyllaea 8868
Arabidopsis thaliana, gene expression 79
Cenchrus × *Pennisetum* 5861
Cicer arietinum, induced mutations 9454
Citrus 5148
Citrus aurantiifolia 5148
Citrus reticulata 5148
Citrus sinensis 5148
Cucumis melo 7334
Eleusine coracana, induced mutations 8125
Glycine max, mutations 2419
Lycopersicon esculentum, mutations 7312
Musa 3994
Olea europaea 4068, 12753
Oryza sativa
genetics 9292
mutations 4726
somaclonal variation 4726
Pennisetum 5861
Rosa hybrida, induced mutations 12958
Solanum chacoense 7227
Solanum sanctae-rosae 7227
Solanum tuberosum 7227
mitochondrial genetics 11599
Triticum turgidum 7930
Vaccinium 9606
Vigna 2474
Vigna mungo 10491
Fertilization 3263, 4441, 4443
angiosperms, reviews 1241
Brassica chinensis 6117
Gasteria verrucosa 4289
Gossypium barbadense 2876
Hippeastrum hybridum 4161
Lycopersicon 601
Nicotiana tabacum 5241, 9726, 10855
Oryza sativa, mutations 3592
Pistacia vera 10762
Quercus ilex 12865
Zea mays 3462, 10189-10190
Fertilizers (*see* Nutrients)
Ferula
chemotaxonomy 12050
terpenes 12050
Ferulate-5-hydroxylase, *Arabidopsis thaliana,* nucleotide sequences 46
Ferulic acid, *Triticum durum* 6740
Festuca
interspecific hybridization 11459
molecular genetics, ribosomal DNA 10350
random amplified polymorphic DNA, phylogeny 11464
restriction fragment length polymorphism, phylogeny 11464
roots 11478
taxonomy 5959, 10354
Festuca akhanii, taxonomy 10355
Festuca arundinacea
Acremonium coenophialum 10356
artificial selection, alkaloids 5958
breeding 8193
cell culture 4770
DNA 10351
drought resistance 10356
fungicides 412
genetic transformation 410
germination 6458, 10351
isoenzymes 406
lawns and turf 7076
molecular genetics, ribosomal DNA 10350
nitrogen 9825
nutrients 9825
prolamins 5957
propiconazole 412
Puccinia graminis 412
Festuca arundinacea *cont.*
seedlings 6458
taxonomy 10353
tissue culture 4770
variety classification 5373, 5957
variety trials 7076
varieties
Bombina 3657
Midwin 3658
Festuca brigantina, taxonomy 8212
Festuca fenas, taxonomy 10353
Festuca nigrescens
lawns and turf 5374
seeds 1436
treading 5374
Festuca ovina, varieties 7669, 11013
Festuca pratensis
aneuploidy 3659
artificial selection, *Pyrenophora lolii* 5960
chromosome aberrations 3659
ecotypes 4771
genetics
cold resistance 4772
glucose-6-phosphate isomerase 4772
genotype environment interaction, sugars 11479
harvesting 7081
heritability
drought resistance 4771
Pyrenophora lolii 5960
isoenzymes 406
mutations, chlorophyll 7082
phenolic compounds 11466
polyploidy 3659
Puccinia coronata 11466
taxonomy 10353
variety trials 6674, 10018
Festuca rubra
cadmium 10357
copper 10357
epidermis 3660
lawns and turf 5374
leaves 10352
seeds 1436
taxonomy 3660
toxic substances 10357
treading 5374
variety trials 7669
zinc 10357
varieties 7669, 11013
Festuca veneris, taxonomy 9333
Festuca* × *Lolium
chromosome elimination 8206
digestibility 11463
DNA hybridization, drought resistance 1430
genetics
drought resistance 9332
heat resistance 9332
harvesting 7081
in situ hybridization 8206
intergeneric hybridization 406, 411, 1430, 7081, 8206, 9332, 11459-11460, 11463, 11466
isoenzymes 406
phenolic compounds 11466
polyploidy 11460
Puccinia coronata 11466
quality 411, 11463
Fibres
Gossypium barbadense
gene expression 6345
nucleotide sequences 6345
Gossypium hirsutum 1871, 5258
gene expression 8728
Ficus
flowering 7402
genetic resources 2705
pollination 7402
conferences 4330
Ficus benjamina
varieties
Francis 6512
Francis Goldstar 6512
Ficus carica
fruits 11763
variety trials 10714
Ficus drupacea, nomenclature 10716
Ficus exasperata
pollination 3991
Ficus exasperata *cont.*
sex 3991
symbiosis 3991
Ficus hispida
pollination 3991
sex 3991
symbiosis 3991
Ficus lacunata, taxonomy 11954
Ficus mysorensis, nomenclature 10716
Ficus semicordata
forage 10715
taxonomy 10715
Figwort mosaic caulimovirus
Nicotiana edwardsonii
gene expression 8685
genetic transformation 8685
Flammulina velutipes
gene expression, fructification 1124
nucleotide sequences, fructification 1124
Flavanols
Camellia sinensis 6311, 12801
Vitis labrusca 11752
Vitis vinifera 11752
Flavanone-3-hydroxylase, *Solanum tuberosum,* gene expression 4909
Flaveria
chloroplast genetics, malate dehydrogenase 5404
gene expression, malate dehydrogenase 5404
Flaveria bidentis
gene expression
photosynthesis 4262
ribulose-bisphosphate carboxylase 4262
transferases 11014
genetic transformation
malate dehydrogenase 9833
phosphoenolpyruvate carboxylase 9839
photosynthesis 4262
ribulose-bisphosphate carboxylase 4262
molecular genetics, transferases 11014
photosynthesis 9833
Flaveria chloraefolia
gene expression, transferases 11014
molecular genetics, transferases 11014
Flaveria pringlei
gene expression
glycine dehydrogenase (decarboxylating) 8848
phosphoenolpyruvate carboxylase 9839, 11016
nucleotide sequences
glycine dehydrogenase (decarboxylating) 8848
phosphoenolpyruvate carboxylase 11016
Flaveria pubescens, genetic transformation, *Agrobacterium tumefaciens* 11995
Flaveria trinervia
gene expression, phosphoenolpyruvate carboxylase 9839, 11016
nucleotide sequences, phosphoenolpyruvate carboxylase 11016
Flavones, *Zea mays* 4619
Flavonoid 3′-monooxygenase, *Gentiana triflora,* nucleotide sequences 1951
Flavonoids
Achillea 3119
Arabidopsis thaliana, gene expression 79
Centaurea montana, genetics 3059
Dendrobium 12021
Fagopyrum esculentum 7065
gene expression 1191
Genista 11005
Hordeum vulgare, mutations 11319
Juniperus thurifera, genetics 984
mutations 1191
Ocimum basilicum 4304
Ocimum citriodorum 4304
Ocimum minimum 4304
Phaseolus vulgaris 3734
Phoenix dactylifera 8534
Pinus sylvestris, genetics 984
Pinus uncinata, genetics 984
Populus, genetic transformation 12877
Vigna 1544, 10504
Vitis vinifera, gene expression 3984, 6206

Flavonoids *cont.*
Zea mays
gene expression 293
mutations 250
nucleotide sequences 293
Flavonol 3-*O*-glucosyltransferase
Antirrhinum majus
gene expression 12007
genetic engineering 12007
Eustoma grandiflorum
gene expression 12007
genetic transformation 12007
Gentiana triflora, nucleotide sequences 1951
Flavonol synthase
Arabidopsis thaliana
gene expression 8994
nucleotide sequences 8994
Solanum tuberosum
gene expression 4909
nucleotide sequences 4909
Flavonols
Arabidopsis thaliana, mutations 4404
Pinus nigra 1003
Flooding
Glycine max 2431
Oryza sativa 2356-2357, 5879, 5929, 11435, 11438
gene expression 5922, 5928
Prunus, cherries 3951
Saccharum officinarum 12786
Triticum aestivum 7986
Flowering
Adenium arabicum 5444
Adenium obesum 5444
Adenium swazicum 5444
Anacardium occidentale 5168
Antirrhinum majus
gene expression 1072
genetic engineering 1072
Arabidopsis thaliana
gene expression 82, 1215, 5544, 6656, 7834-7835, 9009, 9035, 9988, 12150
genetics 6652, 9973
molecular genetics 1216
mutations 1216, 2097, 6656, 7835, 9973, 9987-9988
nucleotide sequences 5544, 9009
Aster novi-belgii 7679
Avena sativa, genetics 3395
Azadirachta indica 3122
Bambusa arundinacea 13050
Banksia 3008
Beta maritima, heritability 10837
Brassica carinata, stability 10775
Brassica juncea, stability 10775
Brassica napus
stability 10775
rape
genetic markers 4433
stability 10775
Brassica oleracea, kale 1621
Canna 5417
Castanea mollissima 4017
Cleome spinosa 11999
Cleome violacea 11999
Dillenia 11950
Dioscorea cayenensis 11616
Dioscorea rotundata 11616
Echinacea purpurea 4258
Euterpe precatoria 11952
Ficus 7402
Fragaria ananassa 5120
gene expression 2074
genetics 12193
Hordeum vulgare, gene mapping 349
Juglans regia 6234
Lagenaria siceraria, epistasis 3913
Limonium sinuatum, artificial selection 6475
Malus
combining ability 11674
heritability 11674
Malus pumila 7356
Manilkara zapota 5161
mathematics 101
Nicotiana tabacum, genetic transformation 1072, 2844, 6329
Oryza sativa 4700, 7026, 9293
gene mapping 349
Flowering *cont.*
Panicum maximum 3555
Phaseolus vulgaris, genetics 10460
Picea abies, population genetics 2977
Pinus sylvestris 992, 12896
Pisum sativum, genetics 494
Polanisia dodecandra 11999
Populus trichocarpa, molecular genetics 12872
Prunus armeniaca 709
Prunus avium 11713, 11718
Prunus cerasus 11717
Prunus dulcis 9649
Prunus persica 7387, 8489
Pyrus communis 7365
Quercus 11928
Quercus suber 10908
Saccharum officinarum 2781, 4091, 8653, 11852
Salvia officinalis 1119
Solanum phureja 538
Solanum tuberosum 538
Sorghum bicolor 3544
Triticum aestivum 12228
Vanilla planifolia 11070
Zea mays
gene mapping 12319
genotype environment interaction 2267
restriction fragment length polymorphism 12319
Flowers 12174
Alstroemeria 4280
Anemone coronaria, genetics 7678
Antirrhinum
genetics 3227
mutations 7685
Antirrhinum majus
gene expression 1073, 1964, 3236, 9039
genetic engineering 9039
molecular genetics 1073, 3236, 5412
Arabidopsis thaliana 72
gene expression 1194, 3235-3236, 4417, 5543-5544, 6653, 7833, 7838, 12124
genetic transformation 1194, 9039
genetics 3227, 6650, 10769
molecular genetics 3235-3236
mutations 1194, 1219, 5561, 6650, 7833, 7838, 12124
nucleotide sequences 5544
Brassica juncea 2735
genetics 8574
Brassica napus
rape 8566, 12726, 12729
epistasis 10769
genetics 7462
restriction fragment length polymorphism 10769
Brassica oleracea
broccoli
gene expression 9532
nucleotide sequences 9532
cauliflowers
gene expression 9532
nucleotide sequences 9532
Brassica pekinensis
gene expression 2535
genetics 2540
nucleotide sequences 2535
Brassicaceae 5585
Calopogon tuberosus, mutations 11042
Camellia chrysantha 3035
Clarkia gracilis 7677
Clarkia tembloriensis 9834
Corchorus olitorius
genetics 7609
induced mutations 7609
Cosmos bipinnatus, genetics 1065
Cryptomeria japonica 7649
Cucumis sativus, gene expression 6166
Datura metel 4296
Dendranthema morifolium, induced mutations 1063, 6467, 8807
Dendrobium, genetics 9859
Dendrobium superbiens 3100
Dianthus caryophyllus
gene expression 9835
genetics 6474
Flowers *cont.*
Eustoma grandiflorum
genetic transformation 6473
induced mutations 5406
evolution 6668, 10009, 12178
asymmetry 10010
gene expression, reviews 1185
genetics 9055
Gerbera hybrida, gene expression 6472
Glycine max
genetics 10417
mutations 10417
pleiotropy 9393
Gossypium barbadense 4139
Gossypium hirsutum 2879, 4139
Helianthus annuus
gene expression 2754
nucleotide sequences 2754
Hibiscus rosa-sinensis, mutations 10999
Ipomopsis aggregata 7681
heritability 1060
natural selection 12990
Ipomopsis tenuituba 7681
natural selection 12990
Juglans regia 7430
Lathyrus belinensis 11024
Lathyrus odoratus 11024
Lathyrus sativus, genetics 446
Lens culinaris, genetics 10473
Lilium, genetic markers 6500
Luffa aegyptiaca 3912
Lycopersicon esculentum, mutations 3866
Malus pumila
gene expression 10653
nucleotide sequences 10653
Mangifera indica 801, 2721
Medicago sativa 12438
Mimulus, genetics 6470
Musa
linkage 10728
recombination 10728
Nigritella 4286
Olea europaea 4068
Orchidaceae, mutations 11042
ornamental plants, genetic engineering 2994, 3000
Oryza sativa, genetics 7034
Pelargonium 9818
Petunia hybrida
gene expression 5415, 11028
genetic engineering 6417
genetic transformation 1079
nucleotide sequences 5415, 11028
Phacelia dubia, mutations 6471
Pharbitis nil, genetics 12994
Phaseolus vulgaris, linkage 10455
Pisum sativum
gene mapping 12503
mutations 12503
nucleotide sequences 12503
Polianthes tuberosa 4311
Prunus, apricots 721
Prunus armeniaca 696, 708
artificial selection 12649
Prunus avium 11716, 11722
Prunus cerasus 11716, 11722
Prunus persica 3956, 8488
Pyrostegia venusta 9836
Raphanus raphanistrum 4942
reviews 11206
Rosa hybrida, induced mutations 8807
Silene latifolia
gene expression 12000
nucleotide sequences 12000
Solanum, tuberous species 6089
Taihangia rupestris 9813
Vigna mungo
genetics 7206
induced mutations 7206
Zea, genetics 5769
Zea mays, mutations 3465, 9227
Fluorescence
Arabidopsis thaliana
gene expression 9960
genetic transformation 9960
crops, genetic markers 5518
genetic markers 6615
Glycine max
genetics 10412, 10416
mutations 10416
Hordeum vulgare, genetic variance 4553

Fluorescence *cont.*
Lolium perenne 8207
Nicotiana tabacum, genetic transformation 7567
Zea mays, mutations 5771
Fluorescence *in situ* hybridization
Aegilops, ribosomal RNA 4544
Alstroemeria aurea 12010
Arabidopsis thaliana 7810
Citrus sinensis, heterochromatin 2717
cytology 1238-1239
Dasypyrum × *Triticum, Aceria tulipae* 1300
Elaeis guineensis, ribosomal RNA 5189
Elymus × *Triticum* × *Zea* 2257
Eruca × *Brassica* 11793
Gossypium, ribosomal DNA 8717
Gossypium hirsutum, aneuploidy 7593
Fluorescence *in situ* hybridization, *Gossypium hirsutum,* chromosome pairing 935
Fluorescence *in situ* hybridization
Hordeum vulgare 4548, 10025
Hordeum × triticale × *Triticum* 6835
Lycopersicon esculentum 2569
ribosomal DNA 5005
Malus pumila 7352
Medicago
nucleolus organizer 2396
ribosomal DNA 1442
Fluorescence *in situ* hybridization, *Pennisetum,* ribosomal DNA 325
Fluorescence *in situ* hybridization
Populus, ribosomal DNA 2942
Rosa 7666
Secale, phylogeny 3418
Secale cereale 6834
Secale × *Triticum,* chromosome pairing 6841
triticale 6834, 10025
Triticeae, chromosomes 10027
Triticum aestivum 2142, 10025
Zea mays
cell division 5745
pollen 1361
Fluorides, *Gladiolus* 11034
Fodder legumes
aluminium 402
reviews 3650
biotechnology 2373
books 3149
reviews 3647
breeding 2372
embryo culture, reviews 3648
genetic engineering
diseases 3651
lignin 4755
phenolic compounds 4755
viruses 3652
genetic resources 1470, 8188-8189, 12413
molecular genetics, tannins 3649
mutations, tannins 3649
protoplast fusion, reviews 3648
salinity, reviews 3650
soil pH, reviews 3650
soil toxicity, reviews 3650
storage, seeds 3644
tissue culture 11458
toxic substances 402
Fodder plants
artificial selection, soil pH 112
biotechnology 9321
breeding 1426, 7071, 9319-9320
legislation 7070
nomenclature 8192
pollen 1427
variety trials 1258
Foeniculum vulgare
essential oils 7733, 8924
in vitro selection, *Phomopsis foeniculi* 8925
seed production 7731
sexual reproduction 5465
tissue culture 1996
Folic acid, *Beta vulgaris,* beetroots 3827
Forage
Amaranthus 11456
Avena sativa 2231-2232, 2236, 12299
genotype environment interaction 8054
Forage *cont.*
Avena sterilis 12299
Calliandra calothyrsus 1892
Ficus semicordata 10715
Gliricidia sepium 11512
Lablab purpureus 12533-12534
Medicago ruthenica 9341
Panicum antidotale 8118
Pennisetum glaucum 6991
heterosis 5863
Pisum sativum 2458
Secale montanum 8058
Sorghum bicolor 317, 1385, 3549, 8110
combining ability 2297
Teramnus 1479
triticale 6857, 6861-6862, 6864, 6870, 6884, 10133
Vigna 1551
Zea mays 282, 3482, 10225
combining ability 5808
heterosis 5808
restriction fragment length polymorphism 11349
Forage legumes (*see* Fodder legumes)
Forchlorfenuron, *Cucumis melo* 2617
Forcing
Lilium 5433
Paeonia suffruticosa 5361
Forest decline
Abies alba 6393
Picea abies 6393
Forest trees
anther culture, reviews 4159
artificial selection 6363
quantitative traits 955
biotechnology 11918, 12850
breeding 11102
chloroplast genetics, phylogeny 11919
cryopreservation 4157
DNA 11921
gene expression, dormancy, reviews 12852
genetic engineering 4158
lignin 7617
genetic markers, isoenzymes 954
genetic resources 952-953, 2921-2923, 2925, 8777, 9924, 10893
genetic transformation, papaya ringspot potyvirus 806
genetic variation, isoenzymes 956
genetics, quantitative traits 955
haploidy, reviews 4159
in vitro culture, books 5502
pollen 11921
population genetics 11920
precocity 10894
provenance trials 1878
restriction fragment length polymorphism, phylogeny 11919
sexual reproduction, mathematics 4160
tissue culture 2925, 4157
Formaldehyde dehydrogenase (glutathione)
Zea mays
gene expression 12312
nucleotide sequences 12312
Formononetin, *Trifolium pratense,* artificial selection 11502
Forsythia, chemotaxonomy 9820
Forsythia intermedia
gene expression, reductases 6434
genetic transformation 7657
nucleotide sequences, reductases 6434
Fortunella, polymorphism, isoenzymes 4002
Fortunella crassifolia, polyploidy 3997
Fortunella japonica, isoenzymes 2719
Fortunella* (×) *Poncirus
polyploidy 7413
protoplast fusion 7413
Fouquieria splendens, spur types 5445
Fragaria
DNA 8506
restriction fragment length polymorphism, phylogeny 9610
Tetranychus urticae 10688
varieties
Capitola 8503
CN93 8503
Fragaria ananassa
alcohol acyltransferase 6201
Alternaria alternata 5123
Fragaria ananassa *cont.*
anther culture 765, 2695, 3971, 6202, 9609
artificial selection 12664
Diplocarpon earlianum 11745
breeding 7391, 12663
history 2694
reports 2693
chloropicrin 3974
clonal variation, June yellows 2697
cold 5120
Colletotrichum acutatum 5122
essential oils 8508
flowering 5120
gene expression
pectate lyase 12666
ripening 12666
trypsin inhibitors 1735
gene mapping, *Phytophthora fragariae* 11747
genetic transformation, trypsin inhibitors 1735
genetics, *Phytophthora fragariae* 9611, 11746
haploidy 765, 3971
in vitro selection
Botrytis cinerea 7394
Rhizoctonia fragariae 7394
inbreeding depression 12664
interspecific hybridization 10695
methyl bromide 3974
mitochondrial genetics
male sterility 12579
quality 12579
nucleotide sequences
pectate lyase 12666
ripening 12666
Otiorhynchus sulcatus 3962
pesticides 3974
photoperiodism 5120
Phytophthora cactorum 5124
Phytophthora fragariae 1734, 7395
pollen germination 10696
polyploidy 10695
quality 5121
random amplified polymorphic DNA, *Phytophthora fragariae* 11747
somaclonal variation 9609
strawberry mottle virus 9612
Tetranychus urticae 8508
tissue culture 763-764, 10695
variety trials 761, 1732, 5117-5118, 6199, 10694
waterlogging 766
varieties 7345
C43 8504
Cigaëlle 12663
Cigaline 12663
Ciloé 12663
Cireine 12663
CN49 8505
Himatsuri 6200
Joliette 3969
Latestar 8502
Mingxu 5119
Oso Grande 8504
Primetime 3970
Seascape 8505
Sulhong 11743
Volshebnitsa 762
Fragaria chiloensis
development 11744
drought resistance 3973
genetic resources 10693
heat resistance 11744
ornamental value 3973
random amplified polymorphic DNA 12665
Fragaria multicipita, taxonomy 2696
Fragaria vesca
cell culture 3972
gene mapping 9608
genetics
colour 10695
stems 10695
Glomus fistulosum 8507
interspecific hybridization 10695
Phytophthora fragariae 8507
polyploidy 10695
random amplified polymorphic DNA 9608

Fragaria vesca *cont.*
tissue culture 10695
Fragaria virginiana
development 11744
heat resistance 11744
random amplified polymorphic DNA 12665
Fragaria viridis
development 11744
heat resistance 11744
Fragaria* × *Potentilla
intergeneric hybridization 1733
tissue culture 1733
Fragrance
Clarkia breweri, gene expression 1067
Clarkia concinna, gene expression 1067
Oryza sativa
gene mapping 11430
genetics 5916, 11430
Syringa 1920
Frankia
Alnus glutinosa, molecular genetics 6390
Casuarina glauca, gene expression 6390
Frankliniella occidentalis
Cucumis sativus 8460
Rosa chinensis 11012
Fraxinus angustifolia, artificial selection, development 2949
Fraxinus excelsior
breeding 972
genetics 972
random amplified polymorphic DNA, interspecific hybridization 10928
Fraxinus oxyphylla, random amplified polymorphic DNA, interspecific hybridization 10928
Fraxinus pennsylvanica
provenance trials 4179
tissue culture 11942
Fritillaria ussuriensis, tissue culture 9853
Fructan:fructan 6G-fructosyltransferase
Allium cepa, genetic engineering 7258
Cichorium intybus, genetic transformation 7258
Fructans
Nicotiana tabacum, genetic transformation 10860-10861
Poaceae 10344
Solanum tuberosum, genetic transformation 539, 10860, 11601
Triticum aestivum 5645
Fructification
Flammulina velutipes
gene expression 1124
nucleotide sequences 1124
Lentinula edodes, mitochondrial genetics 6553
Pleurotus ostreatus, artificial selection 1128
β-Fructofuranosidase
Saccharum 8651
Vitis vinifera
gene expression 2699
molecular genetics 2699
Zea mays, gene expression 248
Chenopodium rubrum, gene expression 7066
Ipomoea batatas 3815
Lycopersicon esculentum 5008
genetic transformation 3864, 6138
Lycopersicon peruvianum 5008
Nicotiana tabacum, genetic transformation 1865
Saccharum officinarum
gene expression 8647
genetic transformation 8647
Solanum tuberosum, genetic transformation 9503
Zea mays
gene expression 1363
genetics 276
molecular genetics 1363
Fructokinase
Lycopersicon esculentum
gene expression 9545
nucleotide sequences 9545
Fructose-bisphosphatase, *Spinacia oleracea,* nucleotide sequences 3843
Fruit cracking
Citrus sinensis 10745
Malus pumila 665, 3935, 7361
Fruit cracking *cont.*
Pistacia atlantica 5170
Pistacia vera 5170
Prunus armeniaca 739
Prunus avium 11736
Vitis vinifera 11758
Fruit crops
breeding 2663
books 4341-4342
reviews 4341-4342
gene banks 12641
gene mapping 2664
genetic engineering, quality 37
genetic markers 2664
genetic transformation, ripening 5595
growth regulators 10640
isoenzymes 10640
random amplified polymorphic DNA 12642
sex 10640
Fruits
Aegle marmelos 1756
Arachis hypogaea 8604
genetics 7508, 8605, 12768
Artocarpus heterophyllus 1757
Bactris gasipaes 4013
Brassica campestris
sarson, genetics 834, 1779
turnip rape, genetics 834
Brassica chinensis, genetics 834
Brassica napus, mutations 5177
Capsicum 2607
Capsicum annuum 632, 2606, 3893, 12623
artificial selection 2605
gene expression 6150
genetics 1680
nucleotide sequences 6150
Carica papaya 6227
Carissa 8537
Ceratonia siliqua, multivariate analysis 1754
Citrus 2720
genetics 8522
Citrus reticulata 792
Citrus sinensis 11770
Cucumis melo
genetics 6156
heterosis 1693
Cucumis sativus, artificial selection 6165
Cucurbita maxima, gene expression 2632
Cucurbita pepo
gene expression 2632
genetics 2631, 6162
Diospyros kaki
genetic variance 6228
genetics 12702
Ficus carica 11763
Hippophae rhamnoides 789
Linum usitatissimum, linseed 7485
Litchi chinensis, multivariate analysis 8525
Lycopersicon, gene location 1655
Lycopersicon esculentum 1669, 2580, 5016, 5024, 9566, 10597, 12607
combining ability 9562
gene expression 1651, 7314, 11642
genetic transformation 7314
genetic variance 2581, 9562
genetics 5014, 5027
heritability 2576
mutations 3870
nucleotide sequences 7314, 11642
Malus pumila 9590, 11671
gene expression 10653
mutations 661, 10659
nucleotide sequences 10653
Mangifera indica 9636
Morus 786
Musa, mutations 6218
Olea europaea 4069
Peucedanum 13027
Phaseolus vulgaris 2454
linkage 10455
Pisum sativum 2456
Prunus armeniaca 706, 711, 717
artificial selection 12649
induced mutations 720
Prunus avium 11693-11694
Prunus cerasus, clonal variation 11721
Prunus dulcis 4015
Fruits *cont.*
Prunus dulcis cont.
genetics 4016
Prunus persica 8487
genetics 6196, 7386
heterosis 8491
inbreeding 8491
linkage 8485
Psidium guajava 10748
Pyrus communis, genetics 3940
Pyrus pyrifolia, genetics 3940
Solanum melongena 12615
Solanum sessiliflorum 4011
Theobroma cacao 10847
Ugni molinae 6211
Vaccinium ashei 3968
Vigna unguiculata
genetics 7200
linkage 4885
Vitis, techniques 5127
Vitis labruscana 10700
Vitis vinifera 7398, 10700
clonal variation 5125
genetics 6205
mutations 5125
Fucose, *Arabidopsis thaliana,* mutations 1210
Fulvia fulva, *Lycopersicon esculentum,* genetics 1666-1667, 7785, 7791, 11647, 12098
Fumarate hydratase
Solanum tuberosum
gene expression 6081
nucleotide sequences 6081
Fumariaceae, chloroplast genetics, phylogeny 12003
Fungi 2049-2050
Aegilops × *Triticum*
chromosome addition 10040
random amplified polymorphic DNA 10040
Arachis hypogaea, induced mutations 9688
Avena × *Elymus* × *Secale* × *Triticum, in situ* hybridization 6690
Beta vulgaris, sugarbeet 4102
cereals 7880
Cicer arietinum 1536
crops 1167, 3164
genetics 7785
in vitro selection 12099
Cucumis sativus
gene expression 3911
genetic transformation 3911
Daucus carota 4931
gene expression 3911
genetic transformation 3911
Dioscorea 6102
gene expression, reviews 2048
genetics 7790
Helianthus 7487
Helianthus annuus 855, 7487
Hibiscus cannabinus 5266
Hordeum vulgare 2225
mutations 12293-12294
Linum usitatissimum, linseed, genotype environment interaction 8590
Medicago sativa 429, 12442
Mentha arvensis 11081
Nicotiana tabacum, genetic transformation 7584
Oryza sativa 381, 4744
Papaver somniferum, gene expression 4303
Pennisetum glaucum 11392
Prunus, apricots, heterosis 729
Ribes nigrum, heritability 759
Saccharum officinarum 1836, 8665
Sorghum bicolor 321, 3550, 11385
combining ability 10277
Triticum aestivum 11285
genetics 5656
genotype mixtures 11286
Triticum araraticum 3354
Vigna unguiculata 4887
Fungicides
Festuca arundinacea 412
Secale cereale 226-227
Fusarium *(see also Gibberella)*
Asparagus officinalis 4996
cereals 12213

Fusarium *cont.*
Gladiolus, combining ability 12014
Glycine max
artificial selection 4840
heritability 4839
Gossypium 7608
Gossypium hirsutum
combining ability 7607
heritability 7607
Hordeum vulgare
genetic variance 1332
heritability 1332
mutations 11319
Linum usitatissimum, linseed 843
Solanum 2594
Solanum melongena 2594
Solanum tuberosum 3801
triticale 6899
Triticum aestivum 10080
Triticum durum 173
Zea mays 5831
Fusarium culmorum
Dasypyrum × *Triticum* 10043
Hordeum vulgare 5684
Secale cereale 4583
genetics 3421
reviews 11231
heritability 8061
triticale, *in vitro* selection 6878
Triticum aestivum 2191, 2194-2195, 4524, 5646, 10084, 11284
genetics, reviews 11231
in vitro selection 2192
Triticum durum 5646, 7994, 10084
Fusarium oxysporum
Allium cepa 575, 7268, 12584
Arabidopsis thaliana
gene expression 9049
genetic transformation 9049
Cajanus cajan 9482
germplasm releases 9481
Cicer arietinum 507, 509, 1537, 8335, 9460, 12517
Citrullus lanatus 1701
Cucumis melo
genetic markers 2621-2622
random amplified polymorphic DNA 2624
Cucumis sativus, genetics 8458
Dianthus caryophyllus 6461
Gladiolus grandiflorus, in vitro selection 13008
Gossypium hirsutum 2900
artificial selection 7606
in vitro selection 9769
multivariate analysis 7602
Lilium
gene mapping 7850
linkage 3098
random amplified polymorphic DNA 3098
Lilium longiflorum 3097
Lilium pensylvanicum 3097
Lycopersicon 6145
Lycopersicon esculentum 614
gene expression 9570
genetics 3883, 5037
nucleotide sequences 9570
Musa 10719, 10721, 10729-10730, 10732, 11109
somaclonal variation 10731
Nicotiana tabacum 2852
Phaseolus vulgaris 487, 10463
Phoenix dactylifera 8532, 8534
genetic engineering 8533
tissue culture 8533
Raphanus sativus 3825
Trifolium pratense, genetics 4793
Triticum aestivum 4526
Fusarium poae, *Triticum aestivum* 4526
Fusarium solani
Glycine max 6021, 9414
gene mapping 10431, 11541
genetic markers 6020, 9408-9409, 10431
genetics 9408
genotype environment interaction 1503
heritability 1503
in vitro selection 1504
Fusarium solani *cont.*
Glycine max cont.
random amplified polymorphic DNA 11541
Fusarium sporotrichioides, *Nicotiana tabacum,* genetic transformation 4127
Fusarium udum
Cajanus cajan 512, 7197, 12522
genetics 7198, 8344
Fusicladium *(see also Venturia)*
Fusicoccin
Arabidopsis thaliana
gene expression 12154
mutations 12154-12155
Lycopersicon esculentum 12604
Fuzz, *Gossypium hirsutum,* mutations 12835
G proteins
Arabidopsis thaliana
gene expression 4415, 6639
genetic engineering 6639
Gaeumannomyces graminis, *Triticum aestivum* 7990
Galactokinase
Arabidopsis thaliana
gene expression 9968
nucleotide sequences 9968
Galactosides
Lupinus albus 10386
Lupinus angustifolius 10386
Lupinus luteus 10386
Galanthus, nomenclature 13006
Galanthus elwesii, nomenclature 13007
Galanthus nivalis
gene expression, lectins 6096
genetic engineering, lectins 5429, 6096
Galectins, *Coprinus cinereus,* nucleotide sequences 7745
Galega orientalis
nitrogen fixation 7121
Rhizobium galegae 7121
Galerucella lineola, *Salix* 10927
Gametocides
Helianthus annuus 10787
Oryza sativa 7028, 8149
Triticum aestivum 2150, 6719, 9117, 12230
Gamma radiation
Abelmoschus esculentus 8463, 9587
Actinidia deliciosa 9616
Arabidopsis thaliana 7823
Avena sativa 1263
Bougainvillea 6433
Brassica juncea 6244, 7450
Brassica napus, rape 5182
Brassica oleracea, broccoli 1627
Cajanus cajan 9472
Cannabis sativa 2911, 7612
Centaurea scabiosa 11023
Chloris gayana 2387
Cicer arietinum 9454
Citrus reticulata 1749, 5149
Citrus sinensis 5149, 7415
Cucumis melo 10622
Cucumis sativus 1709
Dendranthema morifolium 1063, 5400, 6467, 8807
Eleusine coracana 8125
Eragrostis tef 4779
Eriobotrya japonica 668
Eustoma grandiflorum 5406
Glycine max 466, 8261, 8276, 9380
Gossypium barbadense 8724
Guizotia abyssinica 8612
Hamatocactus setispinus 3109
Helianthus annuus 1806, 2757
Hordeum vulgare 108, 197-201, 1263, 1318, 2212-2213, 3370, 4557, 6785, 8019, 11308-11309
Ipomoea batatas 1595
Iris hollandica 11029
Jatropha curcas 6296
Lantana depressa 6433
Lens culinaris 5998
Leymus chinensis 2164, 3661
Macroptilium atropurpureum 8246
Macrotyloma uniflorum 11589
Mentha arvensis 9892
Mentha piperita 9892
Musa 1748, 2707, 5140
Nicotiana plumbaginifolia 916
Nigella sativa 9885
Gamma radiation *cont.*
Oryza sativa 3591-3592, 3612, 4661, 4689, 4707, 4713, 5900, 5908, 8145, 10314-10315, 10327
Phaseolus vulgaris 2447, 12488
Pinus sylvestris 10956
Pisum sativum 5998
Prunus armeniaca 720
Prunus mume 3948
Psophocarpus tetragonolobus 2483
Pyrus communis 6182
Pyrus pyrifolia 5092, 11680
Rosa hybrida 8807, 12958
Saccharum officinarum 5215
Setaria italica 3558
Solanum khasianum 11062
Solanum tuberosum 7221, 12549
Stevia rebaudiana 4104
Trichosanthes cucumerina 5074
triticale 108, 8065
Triticum aestivum 121, 3339, 6713, 7995, 8005, 11275
Triticum durum 6713
Vicia faba 479, 8294, 10445, 12480-12481
Vigna mungo 7206, 8356, 10491, 10510
Vigna radiata 9491
Vigna umbellata 12529
Vigna unguiculata 8349
Vitis vinifera 12672
Zea mays 1366, 3459, 8087, 10167-10168, 10220-10221, 10228
Zinnia elegans 12983
Ganoderma, polymerase chain reaction, taxonomy 4323
Gardenia, taxonomy 11003
Gasteria verrucosa, fertilization 4289
GDPmannose 4,6-dehydratase
Arabidopsis thaliana
gene expression 9972
nucleotide sequences 9972
Gelidium vagum, backcrossing, male sterility 8935
Gene banks 1157, 4350, 11123
(*see also* Genetic resources)
Asparagus officinalis 4974
catalogues 4-5
cereals 2120
crops 5509-5510, 9930
Cucumis melo, catalogues 8452
DNA 11122
essential oil plants 8904
fruit crops 12641
Glycine 9371
Glycine max 8252
Glycine soja 8252
grain legumes 2416
grasses 8195, 10343
herbage crops 7072
Hordeum vulgare 11301
information processing 3155
Lycopersicon esculentum, catalogues 8429
Manihot esculenta 12078
medicinal plants 8904
Oryza sativa 12356
genetic markers 11402
Phaseolus vulgaris 12078
Solanum fendleri 12537-12538
Solanum jamesii 12537-12538
Solanum tuberosum 11592
Trifolium pratense 7072
Trifolium repens 2401
triticale 6814, 6816
Triticum dicoccoides 10034
Triticum dicoccum 9094
Triticum monococcum 9094, 9099
Triticum spelta 9094
Tulipa 8878
vegetables 11217
Zea mays 5702-5703, 10139
Gene conversion, *Psophocarpus tetragonolobus,* chymotrypsin inhibitors 7212
Gene dosage
Triticum aestivum
amylose 3333
photoperiodism 2157
Zea mays 5747
branching 5767
enzymes 9220
homeobox 9193

Gene dosage *cont.*
Zea mays cont.
proteins 3485
starch 9220
sucrose synthase 9193
Gene expression 30, 1178-1179, 1183, 8981
Abies grandis, abietadiene synthase 5323
abscisic acid
conferences 5490
reviews 9082
Acer pseudoplatanus
alternate oxidase 8793
herbicides 8793
Acer saccharum, cold resistance 7549
Actinidia chinensis
ACC oxidase 9617
ACC synthase 9617
ethylene 9617
growth regulators 9617
methionine adenosyltransferase 9617
ripening 9617
Adiantum capillus-veneris, cyclins 1979
Agaricus bisporus, development 11096
Allium sativum, agglutinins 6105
Alnus glutinosa
acetylornithine transaminase 5294
glutamate-ammonia ligase 5294
Aloe arborescens, phosphoenolpyruvate carboxylase 1875
Amaranthus caudatus, pathogenesis-related proteins 397
Amaranthus hypochondriacus
development 3642
light 3641
malate dehydrogenase 3641
photosynthesis 3642
Amaranthus tricolor, photosynthesis 12591
anthocyanins, reviews 1174
Antirrhinum
determinate and indeterminate habit 4405
inflorescences 4405
self incompatibility 1963
Antirrhinum majus
cell division 1070, 1962
cold 8856
development 1072, 3236, 9039, 9845
DNA binding proteins 1964
flavonol 3-*O*-glucosyltransferase 12007
flowering 1072
flowers 1073, 1964, 3236, 9039
protein kinase 1070, 1962
transcription factors 9845
transposable elements 8856
Apium graveolens, mannose-6-phosphate 6-reductase 9542
Arabidopsis
development 9983
light 9983
Arabidopsis thaliana 57, 104, 1202, 2086-2088, 3188, 3208-3209, 3905, 4419, 6634, 7810, 12125
abscisic acid 1196, 6658, 7837, 9082, 12192
ACC synthase 4390
acetyl-CoA carboxylase 8989, 9669
actin 3197, 5538
S-adenosylmethionine synthetase 6374
aequorin 2103
alcohol dehydrogenase 1196, 2096, 5568-5569
amino acids 64
1-aminocyclopropane-1-carboxylate synthase 42
β-amylase 7832, 12133
anoxia 2103, 5568-5569
anthocyanins 7832
aquaporin 56
ascorbate peroxidase 9048, 12127
aspartate kinase 9015, 9961, 9975
aspartic proteinase 6248
binding proteins 53, 477, 3211, 4399, 7808, 9021
biotin 3196
brassinosteroids 9081
calcium 4421
calmodulin 58
carotenoids 1209

Gene expression *cont.*
Arabidopsis thaliana cont.
catalase 3195, 11172
cauliflower mosaic caulimovirus 3246
cell culture 3229
cell division 6640
chaperonins 4391
chlorophyll *a/b* binding protein 5556, 7808, 9003, 12151
chromosome pairing 4396
cinnamate 4-monooxygenase 8990-8991
circadian rhythm 12151
cold 4421
cold resistance 3244, 4423, 4425
cryptochrome 2085
cystathionine-β-lyase 9977
cysteine synthase 5540
cytosine DNA-methyltransferase 59
death 12092
determinate and indeterminate habit 4405
development 80, 1201, 1211, 2085, 3213, 3235-3236, 4417, 5559, 7815, 7834-7835, 7838-7839, 9035, 9978-9979, 11173, 12137, 12143
diseases 45, 12092
DNA binding proteins 1215, 3210, 3212, 6635, 6644, 8995, 9000, 9969, 9978, 11195, 12150
DNA helicase 9964
DNA repair 6645
dormancy 12870
drought resistance 4422, 12153
elongation factors 7813
embryology 1214
ethylene 1206
fatty acids 11171, 12779
ferritin 4413
fertility 79
flavonoids 79
flavonol synthase 8994
flowering 82, 1215, 5544, 6656, 7834-7835, 9009, 9035, 9988, 12150
flowers 1194, 3235-3236, 4417, 5543-5544, 6653, 7833, 7838, 12124
fluorescence 9960
Fusarium oxysporum 9049
fusicoccin 12154
G proteins 4415, 6639
galactokinase 9968
GDPmannose 4,6-dehydratase 9972
gibberellins 11178
β-glucanase 12126
β-glucosidase 9045
glutamate dehydrogenase 8993, 11181
glutathione reductase (NAD(P)H) 9048
glutathione synthase 1195
glutathione transferase 4389
growth regulators 6658, 7837, 9082, 12148, 12192
GTP-binding proteins 48
heat shock proteins 3242, 9992
herbicide safeners 11197
hexokinase 6648
histones 12153
homeotic genes 5543
homoserine dehydrogenase 9015
hydrogen peroxide 2104
hydroxymethylglutaryl-CoA reductase 6647
hydroxymethylglutaryl-CoA synthase 43
inflorescences 4405
iron 2102
isocitrate lyase 4046
jasmonic acid 2095
leucoanthocyanidin dioxygenase 8994
light 1201, 3212-3213, 3240, 5557, 9985, 12151
lipid transfer proteins 1214
magnesium chelatase 2078
metallothionein 12122
methyl jasmonate 9051
myosins 53
NADH dehydrogenase (ubiquinone) 1251

Gene expression *cont.*
Arabidopsis thaliana cont.
naringenin-chalcone synthase 1213, 4406, 5557, 9986
naringenin 3-dioxygenase 2081
nitrate reductase 6649, 9016
nitrates 5565
nitrite reductase 8687
nutrients 2102, 5565
ovules 61
patatin 4910
pathogenesis-related proteins 1221, 5572, 7844, 9993, 11195, 12156
Peronospora parasitica 3245, 11196
peroxidases 6638
phosphate transporters 4398
phosphatidylcholine desaturase 2080
phospholipase C 9020
phospholipase D 9963
phosphoribosylanthranilate transferase 6632
photolyases 6645
photoperiodism 74
photosynthesis 9040, 12134
phytoalexins 5558
phytochrome 49, 596, 3232, 4406, 9003, 9022, 9025, 9985, 12147
plant embryos 1214, 3288, 4418
plant hairs 1212
pollen 61
polyamines 9030
polyploidy 67
polyubiquitin 11184
potassium 12121
profilin 2079
prohibitin 6640
proline 6658
proline dehydrogenase 62, 4427
protein kinase 50, 7819, 8992, 9031, 11166, 11174, 11334
proteinases 5560, 11184
proteins 1200, 1207, 3203, 5541
protochlorophyllide reductase 76
Pseudomonas syringae 5571, 7844
purines 5547
pyrroline-5-carboxylase reductase 69
pyrroline-5-carboxylate synthetase 4427
pyruvate decarboxylase 5568
ribonucleoproteins 63
ribulose-bisphosphate carboxylase activase 2082
RNA helicase 9538
RNA polymerase 44, 3202, 7816
roots 9010
salinity 12152
seedlings 3213
senescence 3229, 5548
source sink relations 5542
steroid 5α-reductase 9008
stimulation 5549
stress 2104, 9048
succinylhomoserine lyase 4393
sucrose 9040
sulfate adenylyltransferase 6643
superoxide dismutase 9748
thionins 9049
toxic substances 12154
transcription factors 60, 3207, 5883, 9967
transfer RNA 3205
transposable elements 7829
tryptophan 5558
tubulin 53
ubiquitin 53, 6642, 8997
ubiquitin-protein ligase 5539
xyloglucan endotransglycosylase 3201
Arachis hypogaea
albumins 9686
phytoalexins 6287
tomato spotted wilt tospovirus 11841
Asparagus officinalis 1640
histones 3849
sugars 3849
Atriplex canescens, stress 12416
auxins 1170, 2054, 12189
Avena fatua
dormancy 3394, 4574
seeds 4574
Avena sativa
arginine decarboxylase 6801

Gene expression *cont.*
Avena sativa cont.
pathogenesis-related proteins 1342
protein kinase 9177
Puccinia graminis 1342
Bertholletia excelsa, albumins 6240
Beta maritima 5221
Beta vulgaris
sugarbeet 5221
adenosinetriphosphatase 4100
alcohol dehydrogenase 5194
binding proteins 8679
Cercospora beticola 8679
citrate synthase 6677
Heterodera schachtii 6305
ribulose-bisphosphate carboxylase 12795
salinity 4100
books 2020, 4344, 5495
Borago officinalis, linoleoyl-CoA desaturase 9876
Brassica, ribosomal RNA 9656
Brassica campestris
glufosinate 12722
glycoproteins 1776
light 10770
phytochrome 10770
self incompatibility 1776
Brassica juncea
adenosinetriphosphatase 4045
cytoplasmic male sterility 4045
extensin 838
stress 838
Brassica napus
glufosinate 12722
isocitrate lyase 4046
rape 825
acyl-acyl-carrier-protein desaturase 7453
adenosinetriphosphatase 4045
anthers 10765
arabinogalactans 4027
aspartic proteinase 6248
binding proteins 4030
biotin carboxyl carrier protein 7434
cold resistance 839
cytoplasmic male sterility 4045, 11803
development 7453
extensin 838
β-glucuronidase 11804
heat shock proteins 1785
hydrolases 4032
isocitrate lyase 7432
isopentenyltransferase 7463
long-chain-fatty-acid-CoA ligase 8556
napin 821, 5172
nitrate reductase 2738
oleosins 8273, 10765
plant embryos 3288
pollen 4027, 7453, 12723
polygalacturonase 7442
protein kinase 9654
seeds 5172, 8273
self incompatibility 5622, 8567
senescence 8571
shedding 4032
stress 838
thioredoxins 1777
transposable elements 4031
Brassica oleracea
anthers 9533
aquaporin 9533
broccoli, flowers 9532
cauliflowers
flowers 9532
self incompatibility 7281
kale
injuries 7279
self incompatibility 7279
Xanthomonas campestris 7279
Brassica pekinensis
anthers 6118, 10575
flowers 2535
proteins 8421
Brassica tournefortii
adenosinetriphosphatase 4045
cytoplasmic male sterility 4045

Gene expression *cont.*
Camptotheca acuminata
aromatic-L-amino-acid decarboxylase 11061
proteins 5453
Canavalia gladiata
canavalin 12532
globulins 12532
proteins 7210
Capsicum annuum
auxins 3892
calmodulin 10615
capsidiol 2609
defensins 3891
fruits 6150
β-glucanase 6150
isoprenoids 2600
ripening 3891, 6150
Xanthomonas vesicatoria 5057
xanthophyll 6148
Carica papaya
ACC oxidase 12698
ACC synthase 8529
ripening 8529
Castanea sativa
chitinase 5166
pathogenesis-related proteins 5166
Casuarina glauca
Frankia 6390
nodulation 6390
Catharanthus roseus
alkaloids 1989
cyclins 9875
cytokinins 1989
methionine adenosyltransferase 6527
Cenchrus ciliaris
apomixis 4777
gynoecium 4777
Chenopodium album, cytokinins 395
Chenopodium quinoa, potato leaf roll luteovirus 7230
Chenopodium rubrum, β-fructofuranosidase 7066
chlorophyll 1190
chloroplasts, reviews 3185
Chrysosplenium americanum, methyltransferases 5454
Cichorium intybus, nitrate reductase 1643
Citrus, sucrose-phosphate synthase 795
Citrus sinensis, seeds 5145
Clarkia breweri
fragrance 1067
linalool 1067
Clarkia concinna
fragrance 1067
linalool 1067
Clarkia mildrediae
glucose-6-phosphate isomerase 9837
isoenzymes 9837
Claviceps, alkaloids 9877
Clerodendrum aculeatum
proteins 7726
viruses 7726
Coix, DNA binding proteins 12409
cold resistance 1165
conifers 7646
Craterostigma plantagineum
abscisic acid 12005
drought resistance 12005
water balance 4264
crops
drought resistance 4356
photosynthesis 605
Cucumis melo
ACC oxidase 7335
ethylene 7335
growth regulators 7335
ripening 6155, 7335, 9576
Cucumis sativus 3905, 10629
ACC synthase 9584
chitinase 3911
chromoplasts 5067
development 11662
flowers 6166
fungi 3911
gibberellins 1706
glutamyl-tRNA reductase 3904
growth regulators 1706
hydroxypyruvate reductase 3908
in vitro culture 645
photorespiration 3908

Gene expression *cont.*
Cucumis sativus cont.
photosynthesis 7341
T complex proteins 9582
Cucurbita
ascorbate oxidase 11658
catalase 6161
citrate synthase 1703
isocitrate lyase 6160
Cucurbita maxima
colour 2632
fruits 2632
gibberellin oxidase 12633
gibberellins 11659
phloem 11657
Cucurbita pepo
colour 2632
fruits 2632
Cuphea wrightii, fatty acids 12779
cytokinins 11142
cytology 10007
databases 26
Datura fastuosa
cadmium 1112
toxic substances 1112
Daucus carota 1583
abscisic acid 10549
chitinase 3911
dihydrofolate reductase 7237
DNA binding proteins 10549
fungi 3911
isoenzymes 1586
plant embryos 555
proteasomes 8393
proteinase inhibitors 9514
proteins 10548
somatic embryogenesis 1588, 6097, 8394-8395
thymidylate synthase 7237
development 1177, 2074, 4402, 5534, 7796
reviews 1185, 7856, 12197
Dianthus caryophyllus
ACC oxidase 9835
ACC synthase 9835
adenosylmethionine decarboxylase 11015
ethylene 9835, 12188
flowers 9835
growth regulators 9835, 12188
senescence 9835, 12188
diseases 4364, 5534, 11136, 12091, 12095
books 5497
drought resistance 1165, 4360
Elaeis guineensis 7498
Erythrina variegata, chymotrypsin inhibitors 4182
ethylene 3168, 12188
Eucalyptus gunnii
cinnamoyl-CoA reductase 10902
cinnamyl-alcohol dehydrogenase 10902
Eustoma grandiflorum, flavonol 3-*O*-glucosyltransferase 12007
Fabaceae, nodulation 11519, 12455
Fagus sylvatica, ultraviolet radiation 12854
Flammulina velutipes, fructification 1124
Flaveria, malate dehydrogenase 5404
Flaveria bidentis
photosynthesis 4262
ribulose-bisphosphate carboxylase 4262
transferases 11014
Flaveria chloraefolia, transferases 11014
Flaveria pringlei
glycine dehydrogenase (decarboxylating) 8848
phosphoenolpyruvate carboxylase 9839, 11016
Flaveria trinervia, phosphoenolpyruvate carboxylase 9839, 11016
flavonoids 1191
flowering 2074
flowers, reviews 1185
forest trees, dormancy, reviews 12852
Forsythia intermedia, reductases 6434
Fragaria ananassa
pectate lyase 12666
ripening 12666

Gene expression *cont.*
Fragaria ananassa cont.
trypsin inhibitors 1735
fungi, reviews 2048
Galanthus nivalis, lectins 6096
Gerbera hybrida
anthocyanins 6472
development 6472
flowers 6472
gibberellins, reviews 11219
β-glucuronidase, reviews 28
Glycine max 6009
aspartate-ammonia ligase 6008
aspartic proteinases 12464
auxins 12459
binding proteins 7136
cell division 7137
choline kinase 3702
cold resistance 10429
β-conglycinin 12463
cytochromes 11530
development 11525
dihydrodipicolinate synthase 8265
DNA binding proteins 8995
glutamate-ammonia ligase 9357, 11524
glycinamide ribonucleotide transformylase 3704
lipoxygenase 11530
naringenin-chalcone synthase 463
nodulins 457, 12473
oleosins 8273
oxidoreductases 11523
pathogenesis-related proteins 6019
phospholipase D 1495
phosphoribosylamine-glycine ligase 3704
phragmoplastin 7137
Phytophthora sojae 10435
protein kinase 12458
proteinase inhibitors 6012
proteins 1490, 4818
seeds 463, 1495, 8273
thioredoxins 3703
UDPglucose 6-dehydrogenase 6010
urate oxidase 7135
Gossypium arboreum
cadinene synthase 2872, 4136
phytoalexins 4146
Gossypium barbadense, fibres 6345
Gossypium hirsutum
abscission 2873
adenosinetriphosphatase 2890
cellulose 4137
chitinase 930
enzymes 8728
fibres 8728
β-glucanase 930
glyoxysomal ascorbate peroxidase 7595
GTPase 9766
isocitrate lyase 7432
proteins 9763, 10874
quality 2890
ribulose-bisphosphate carboxylase activase 2884
grasses
dormancy 4489
phosphoenolpyruvate carboxylase 4758
ribulose-bisphosphate carboxylase 4758
seeds 4489
self incompatibility 10360
growth regulators 2054, 3168, 12095, 12188-12189, 12196
reviews 9082, 9922
heat shock 3160
Helianthus
oxidoreductases 10788
phosphatidylcholine desaturase 9678
stearoyl-CoA desaturase 9678
Helianthus annuus 4059
ACC oxidase 12741
cytochrome *c* 9677
cytoplasmic male sterility 1798
development 2754
flowers 2754
phosphatidylcholine desaturase 9678
stearoyl-CoA desaturase 9678
Helianthus tuberosus, calnexin 11623

Gene expression *cont.*
Hevea brasiliensis
chitinase 12848
glutamate-ammonia ligase 8758
hevein 12848
hexokinase 9943
homeotic genes 7796
Hordeum vulgare 5704, 10106
abscisic acid 195-196
adenosinetriphosphatase 8025
α-amylase 11305
α-amylase inhibitor 10107
cold resistance 8015
death 12092
development 1321
diseases 12092
drought resistance 11307
endo-1,4-β-xylanase 6780
enzyme inhibitors 8023
Erysiphe graminis 3391, 9175
gibberellic acid 5672
glutamyl-tRNA reductase 6784
growth regulators 5672, 9164
heat shock 2210
jasmonic acid 191, 1325
lipoxygenase 6782
methyl jasmonate 9164
mycorrhizas 8025
pathogenesis-related proteins 8037
peroxidases 3391, 6797
phenylalanine ammonia-lyase 5681, 11303
phosphoenolpyruvate carboxylase 5441
phosphorylation 12204
plant embryos 1324
protein kinase 195, 9078
Puccinia graminis 10091
seeds 1321, 1324, 12204
serpins 2125
techniques 12283
trypsin inhibitors 193
water balance 1325
xylanase 1323
hydrogen peroxide 8967
Ipomoea batatas
peroxidases 12564
sporamin 7245, 9522
superoxide dismutase 12565
iron 9084
jasmonic acid, reviews 11158
Juglans, naringenin-chalcone synthase 12712
Kalanchoe fedtschenkoi, phosphoenolpyruvate carboxylase 5441
Lactuca sativa
hydrogen peroxide 7301
lettuce mosaic potyvirus 7302
Pseudomonas syringae 7301
violaxanthin de-epoxidase 8426
leaves 1254
Lens culinaris
amine oxidase (copper-containing) 10474
development 10474
Lentinula edodes, development 11097
light 5521, 9083, 9944, 9946
plants, reviews 1173
reviews 9922
Lilium dauricum 6498
Lilium formolongi 6498
Lilium japonicum 6498
Lilium longiflorum
anthers 13009
pathogenesis-related proteins 13009
Linum usitatissimum, flax, peroxidases 5261
lipid transfer proteins 12169
Lolium multiflorum 7079
Lotus corniculatus 7113
Lotus japonicus
binding proteins 5993
nodulation 5993, 9356
nodulins 9355
sucrose synthase 9356
Lupinus albus, tubulin 4796
Lupinus angustifolius
conglutin 12448
globulins 12448
Lupinus luteus, NAD(P)H dehydrogenase 12449

Gene expression *cont.*
Lycopersicon, male sterility 6136
Lycopersicon chilense, drought resistance 5028
Lycopersicon esculentum 12595
abscisic acid 604, 3867
abscission 3869, 9558, 12603
ACC oxidase 5013, 5080
ACC synthase 10596
adenosinetriphosphatase 598, 6133
arabinogalactans 3858
ATP:fructose-6-phosphotransferase 11640
auxins 12605
binding proteins 3865
Botrytis cinerea 3882
catechol oxidase 9556
cellulase 3869
chorismate mutase 591
chorismate synthase 1650
cold resistance 8441
dehydrins 3857
development 7314
diseases 908
DNA binding proteins 3861, 10593
ethylene 1206, 1651-1652, 3876, 5080, 12188
farnesyl-diphosphate farnesyltransferase 9547
Fe(III)-chelate reductase 105
fenthion 7320, 11644-11645
fructokinase 9545
fruits 1651, 7314, 11642
Fusarium oxysporum 9570
β-glucanase 5011, 6139
β-glucuronidase 12605
glutamate-ammonia ligase 3863
glutamyl kinase 12596
glutamyl phosphate reductase 12596
growth regulators 3867, 12188
heat shock proteins 3860, 7313, 8430
hydroxymethylglutaryl-CoA reductase 2571, 3856
injuries 592, 3290, 3876, 12603
isoenzymes 1650
jasmonates 3876
lipoxygenase 8434, 9557, 12602
mannitol dehydrogenase 2570
metallothionein 7310
molybdenum cofactor 10592
naringenin-chalcone synthase 5012
nutrients 2582, 8440
oxygenases 10592
parthenocarpy 1649
pesticides 7320, 11644-11645
phosphorus 8440
photosynthesis 605, 10605
phytochrome 596, 5012, 9555, 10600
polygalacturonase 9558
protein kinase 7320, 10604
proteinase inhibitors 3290, 3876
proteinases 592
Pseudomonas syringae 3879, 7320, 10604, 11644-11645
ribulose-bisphosphate carboxylase 595, 5012, 12598
ripening 1651-1652, 5011, 7313, 9557, 9561, 10593, 11642, 12188
salinity 8441
senescence 7315
stress 3867
tissue culture 3873
ultraviolet radiation 611
xyloglucan endotransglycosylase 12605
Malus pumila
cold 10658
development 7353, 10653
flowers 10653
fruits 10653
metallothionein 10658
ripening 10658
self incompatibility 11670
Manihot esculenta 3810
α-hydroxynitrile lyase 11611
Marah macrocarpus, gibberellin oxidase 12633
Medicago sativa
carbonate dehydratase 7103
cell cycle 9344

Gene expression *cont.*
Medicago sativa cont.
cold resistance 7105, 8231
Colletotrichum trifolii 7106
2,4-D 12435
glutamate-ammonia ligase 11524
growth regulators 12435
histones 1440
injuries 7104
lectins 12436
nitrogen fixation 12441
nodulation 5979
nodulins 9346
pathogenesis-related proteins 4791, 5979
pectate lyase 4788
peroxidases 2398
phosphoenolpyruvate carboxylase 12441
Phytophthora megasperma 424
plant embryos 5976
pollen 4788-4789
proline-rich proteins 12435
protein kinase 7097, 7104, 9344
salinity 5981, 11498
somatic embryogenesis 2400, 7102
stress 7106
Medicago truncatula
Glomus versiforme 10370
mycorrhizas 10370
nodulation 426
peroxidases 9347
Rhizobium 9347
Meloidogyne 8968
Mirabilis jalapa, pathogenesis-related proteins 397
mitochondria, reviews 3184
Musa
ACC oxidase 9626, 10726
pectate lyase 12684
ripening 10726, 12684
Myristica fragrans
esterases 12200
fatty acids 12200
NADH dehydrogenase 11218
Narcissus pseudonarcissus, phytoene synthase 3076
naringenin-chalcone synthase 9946
Nepeta racemosa, cytochromes 8926
Nicotiana alata, self incompatibility 8694
Nicotiana benthamiana
cassava African mosaic bigeminivirus 8704
pepper mild mottle tobamovirus 1862
proteins 2834
tomato yellow leaf curl bigeminivirus 6338
Nicotiana clevelandii, proteins 2834
Nicotiana edwardsonii, figwort mosaic caulimovirus 8685
Nicotiana glutinosa
metallothionein 4129
tobacco mosaic tobamovirus 4129
Nicotiana plumbaginifolia 7563
chlorophyll *a/b* binding protein 6328
nitrogen 10853
nutrients 10853
superoxide dismutase 4123
Nicotiana sylvestris 4116
light 12809
peroxidases 8697
photosynthesis 12809
roots 8697
Nicotiana tabacum 1849-1850, 4119, 5236, 5704, 7498, 7563, 8689, 8692, 9720-9721, 11877, 11883, 12807, 12810
abscisic acid 11889
ACC oxidase 5013, 12808
ACC synthase 12808
actin 2841
adenosinetriphosphatase 2839
Agrobacterium rhizogenes 8691, 9716
albumins 6240
5-aminolevulinate synthase 11887
α-amylase 10107
arginine decarboxylase 6801
ascorbate peroxidase 6332
auxin binding proteins 7572
auxins 4120, 7557
binding proteins 3454

Gene expression *cont.*
Nicotiana tabacum cont.
cadmium 4113, 7559
carbonate dehydratase 6332
catalase 9714, 11892
cell division 5240, 6640, 10854
chitinase 7570, 9752
chlorophyll *a/b* binding protein 5243
chymotrypsin inhibitors 10522
citrate synthase 6677
conglutin 12448
β-conglycinin 6320
4-coumarate-CoA ligase 2832, 2851, 7579
cyclins 5240, 7573, 9875, 10854
cycloheximide 11879
cymbidium ringspot tombusvirus 1863
cytokinin oxidase 6327
cytokinins 2846, 12819
cytoplasmic male sterility 2839
dehydrins 3857
desiccation 4124
development 11340
diseases 908, 4126
DNA binding proteins 9715, 9722, 11340
elongation factors 7813
Erwinia carotovora 5250
ethylene 6330, 11895, 12808
extensin 838, 6318
germination 11889
globulins 12448
β-glucanase 904, 5248, 9738
glucosyltransferases 907
glutamate-ammonia ligase 2446, 11524, 12816
glutamate synthase 12816
glutathione reductase 4871
glutathione transferase 4120
glyceraldehyde-3-phosphate dehydrogenase 3287
glycoproteins 1776
growth regulators 6325, 6330, 8702, 11889, 11896
GTP-binding proteins 48
haemoglobin 6343
heat shock 2210
heat shock proteins 9252
histones 7564
hydrogen peroxide 11892
IAA 6325
injuries 2851, 6332
introns 6320
isopentenyltransferase 2846, 5247, 7463, 9718
jasmonic acid 11896
kafirin 5246
leaves 9741
lectins 3750
legumin 8293
linoleoyl-CoA desaturase 9876
lipid transfer proteins 4111
lipoxygenase 6336
luciferase 11164
Meloidogyne javanica 6343
methyltransferases 2836
napin 4124
naringenin-chalcone synthase 3728, 9430, 11554
nitrate reductase 8696
nitrite reductase 5238, 8687
nodulation 11880
osmotin 2835, 3162, 10852
oxidoreductases 2845
pathogenesis-related proteins 397, 1861, 3162, 5248, 5250-5251, 8702, 9752-9753, 10604, 11895
phosphoenolpyruvate carboxylase 7571
photosynthesis 2551
phytochrome 4110, 10862
Phytophthora nicotianae 6336, 11896-11897
pollen germination 2841
pollination 7577
polyubiquitin 8690
potato X potexvirus 9753, 11898
prohibitin 6640
protein kinase 6330, 7577, 9739
proteins 7569

Gene expression *cont.*
Nicotiana tabacum cont.
ribosomes 5237
ribulose-bisphosphate carboxylase activase 2082
RNA polymerase 11882
root shoot ratio 8696
salicylic acid 4120, 5248, 8702, 10850
salinity 4125
seeds 5246, 9738
stearoyl-CoA desaturase 1851
stress 838, 6333
superoxide dismutase 4123, 11885
techniques 1848
tobacco mosaic tobamovirus 2853-2854, 8705, 11135, 12808
tomato yellow leaf curl bigeminivirus 921
toxic substances 4113, 7559
transcription factors 6702, 10850
transfer RNA 3205
transposable elements 911, 6333
Trichoderma viride 11895
trihydroxystilbene synthase 7575
tubulin 2841
vaccines 2490
vicilin 4124
zein 2256, 5757
nitrates 2057
nodulation 1189
nutrients 2057, 9084
Olea europaea, cytochrome-*c* oxidase 9683
Orychophragmus violaceus 866
Oryza, heat shock proteins 11437
Oryza sativa 5886, 7017
abscisic acid 3579
ACC synthase 5928
adenosinetriphosphatase 7029
aldolase 9298
α-amylase 2344, 3599, 10293
β-amylase 363
amylose 12361
anoxia 12401
anthers 7013
arginine decarboxylase 10335
catalase 10312
chitinase 2314
chloroplasts 1402
chlorosis 3623
cold 3623
cold resistance 7014
development 2334, 6682
DNA binding proteins 5880
drought resistance 11307
endosperm 6915
flooding 5922, 5928
gibberellin oxidase 9295
globulins 1398
glufosinate 3636
growth regulators 3579, 10339
heat shock proteins 11437, 11442
herbicides 3636
heterosis 4462
inflorescences 6682
jasmonic acid 10339
Magnaporthe grisea 10339, 11443
membrane proteins 8138
metallothionein 3582
NADH dehydrogenase 353
phenolic compounds 4750
phospholipase D 386
phytochrome 351
phytoene synthase 9305
plant embryos 2334, 4682
pollen 12361
prolamins 3583
protein kinase 5882
pyrophosphatases 343
pyrroline-5-carboxylate synthetase 8173
regenerative ability 2344
ribosomes 3581
rice dwarf phytoreovirus 7062
RNA polymerase 3623
salinity 8173, 10335
starch synthase 12361
stearoyl-CoA desaturase 7014
stilbene synthase 11443
superoxide dismutase 7011

Gene expression *cont.*
Oryza sativa cont.
transcription factors 5883, 8139, 10299
Xanthomonas oryzae 386
oxidation 11134
Papaver somniferum
berberine bridge enzyme 9873
DOPA 4303
fungi 4303
tyrosine 4303
Parasponia andersonii, haemoglobin 9354
pathogens, reviews 8966
Pelargonium hortorum
ACC oxidase 12920
ACC synthase 12920
ethylene 12920
growth regulators 12920
pollination 12920
Petroselinum crispum
caffeoyl-CoA methyltransferase 6546
4-coumarate-CoA ligase 2851
Glomus fasciculatum 13042
heat shock proteins 6544
injuries 2851
MAP kinase 12046
ozone 6544
pathogenesis-related proteins 3129, 6544
Phytophthora sojae 12046, 13042
ultraviolet radiation 9891
Petunia hybrida
anthocyanins 6486, 11028
colour 11028
development 5415, 9849
flowers 5415, 11028
gibberellins 5415
naringenin-chalcone synthase 5413, 12008
peroxidases 3073
proteinases 3073
regenerative ability 3073
seeds 9849
Phalaris coerulescens
pollen germination 10362
self incompatibility 10360
Pharbitis nil
germin 1952
naringenin-chalcone synthase 12995
Pharbitis purpurea, naringenin-chalcone synthase 12995
Phaseolus vulgaris
adenosinetriphosphatase 4859
canavalin 7124
chitinase 6096
Colletotrichum lindemuthianum 12496
gibberellin oxidase 8249
glutamate-ammonia ligase 2446
naringenin-chalcone synthase 3728, 9430, 11554
nodulation 4859
pectinesterase 1511
phaseolin 11553
phenylalanine ammonia-lyase 9732
polygalacturonase 12496
seeds 11553
senescence 3730
zeatin *O*-xylosyltransferase 12485
phenolic compounds 9934, 12091
phytoalexins, reviews 2048
Picea abies
phosphoenolpyruvate carboxylase 4202
somatic embryogenesis 9802
Picea glauca
β-glucuronidase 12851
heat shock proteins 1905
hydrolases 9803
somatic embryogenesis 9803
Picea mariana 7646
Pinus, chitinase 8797
Pinus banksiana
S-adenosylmethionine synthetase 1901
stress 1901
Pinus palustris, photosynthesis 2972
Pinus strobus, globulins 994
Pinus sylvestris, ultraviolet radiation 12854

Gene expression *cont.*
Pinus taeda
4-coumarate-CoA ligase 8796
germination 7643
isocitrate lyase 7643
rooting capacity 12895
Pisum sativum 104, 493, 11564
brassinosteroids 9081
cell cycle 9439
cytokinins 2846
dihydropteroate synthase 12499
DNA repair 9439
farnesyl-diphosphate farnesyltransferase 6056
Fe(III)-chelate reductase 105
gibberellin oxidase 8249
gibberellins 3751
glucose-1-phosphate adenylyltransferase 7175
glutathione reductase 3747, 4871
glyceraldehyde-3-phosphate dehydrogenase 3287
glycine decarboxylase 9440
glycoproteins 2459
growth regulators 3751
heat shock proteins 3754, 8320, 10465
isopentenyltransferase 2846
lectins 3750
legumin 6055
metallothionein 12122
naringenin-chalcone synthase 7181
nodulation 2459, 12508
nucleolin 12501
ornithine carbamoyltransferase 1523
phosphoenolpyruvate carboxylase 12508
photosynthesis 9441
plastocyanins 8316
proteinase inhibitors 9437
pyruvate decarboxylase 9438
ribulose-bisphosphate carboxylase 9440
pollen 3160
polyamines, reviews 9942, 11204
Populus
amino acids 12873
carbonate dehydratase 12869
cell division 9791
citrate synthase 6677
β-glucuronidase 12851
glutamate-cysteine ligase 12873
Populus alba
S-adenosylmethionine synthetase 6374
dormancy 12870
Populus canescens
cinnamyl-alcohol dehydrogenase 10918
glutamate-cysteine ligase 6377
Populus tremula
S-adenosylmethionine synthetase 6374
cinnamyl-alcohol dehydrogenase 10918
dormancy 12870
stress 12855
protein kinase 4369
protochlorophyllide reductase, reviews 1175
Prunus avium
ripening 2677
thaumatin 2677
Prunus persica
cold resistance 5112
dehydrins 6197
Pseudotsuga menziesii
metallothionein 10981
plant embryos 10981, 12909
somatic embryogenesis 12909
Psophocarpus tetragonolobus
chymotrypsin inhibitors 10522
proteinase inhibitors 4894
Pyrus communis
ethylene 8476
growth regulators 8476
ripening 8476
Pyrus pyrifolia
ribonucleases 11676
self incompatibility 11676

Gene expression *cont.*
Raphanus sativus, acetyl-CoA acetyltransferase 3823
reviews 1172, 2061, 3175-3181, 3183, 3186-3187, 5523, 6622, 11156, 12110
Ricinus communis
alcohol dehydrogenase 5194
calreticulin 12771
glutaredoxin 12770
isocitrate lyase 7432
phosphatidylcholine 12-monooxygenase 9690
protein disulfide-isomerase 9691
RNA polymerase 3192
reviews 11159
Robinia pseudoacacia
methionine 4181
proteins 4181
roots 4402
Rosa, naringenin-chalcone synthase 12953
Rubus idaeus, polygalacturonase 12658
Saccharum, catechol oxidase 1831
Saccharum officinarum
acid invertase 8644
catechol oxidase 8657
β-fructofuranosidase 8647
Pachymetra chaunorhiza 10832
ribulose-biphosphate carboxylase 8640
ribulose-bisphosphate carboxylase 8645
sucrose-phosphate synthase 8646
Saccharum robustum, acid invertase 8644
salicylic acid 8967
Salix viminalis
insects 11940
proteinase inhibitors 11940
Santalum album, somatic embryogenesis 8395
Secale cereale, chaperonins 3409
seeds, desiccation 11132
Sesbania rostrata
leghaemoglobin 445
nodulins 3691
Silene latifolia
flowers 12000
pollen 11020
sex 12000
Sinapis alba
development 12739
inflorescences 12739
Solanum berthaultii
development 12176
glutamic acid 6085
pollen 6085, 12176
Solanum demissum, tubers 6086
Solanum phureja
injuries 3290
Phytophthora infestans 12552
proteinase inhibitors 3290
Solanum tuberosum 104, 8372
abscisic acid 8383
alcohol dehydrogenase 10531
calmodulin 2494
β-casein 11595
chitinase 6091
cold 8385, 9508
cytosolic phosphorylase 12547
drought resistance 8384
flavanone-3-hydroxylase 4909
flavonol synthase 4909
fumarate hydratase 6081
β-glucanase 1580
glucose-1-phosphate adenylyltransferase 3788, 3799
β-glucosidase 1580
growth regulators 8383
gynoecium 8377
hydroxymethylglutaryl-CoA reductase 7217
isopentenyltransferase 9718
jasmonic acid 8383
Lacanobia oleracea 6096
lipoxygenase 1569
mechanical damage 8383
mitochondria 4905
NADH dehydrogenase (ubiquinone) 1251

Gene expression *cont.*
Solanum tuberosum cont.
NAD(P)H-dependent oxidoreductases 8377
naringenin-chalcone synthase 4909
nutrients 8382
osmotin 3162
patatin 4910
pathogenesis-related proteins 3162, 9513
phosphates 8382
phosphatidate cytidylyltransferase 9500
phosphoenolpyruvate carboxylase 3793
phosphoenolpyruvate synthetase 12543
phosphofructokinase 7225
Phytophthora infestans 6091, 8387
pollen 4909
potato leaf roll luteovirus 7230, 7234
potato Y potyvirus 4924
protein kinase 9504
proteinase inhibitors 2491, 8381, 10533
proteins 6083
Pseudomonas syringae 6091
ribosomes 532
solanidine glucosyltransferase 6082
somatotropin 4903
starch synthase 536, 3799, 4900
storage 9508
transaldolase 3787
transposable elements 535
ubiquitin 8387
vaccines 2490
Sophora japonica, lectins 7633
Sorghum bicolor
betaine-aldehyde dehydrogenase 3535
dehydrins 9267
development 6682
inflorescences 6682
malate dehydrogenase 9833
naringenin-chalcone synthase 5856
phenylalanine ammonia-lyase 5856
phytoalexins 2300
Spinacia oleracea 492, 584, 4419
adenosinetriphosphatase 3845, 7296, 10583
cysteine synthase 3846
glyceraldehyde-3-phosphate dehydrogenase 3287, 3844
(*S*)-2-hydroxy-acid oxidase 9539
membrane proteins 583
nitrite reductase 10584
phosphoserine transaminase 6124
photosynthesis 2550-2551
plastocyanins 3845
proteinases 10583
RNA helicase 9538
transketolase 3842
stress 4369, 9934, 11133
reviews 9933
sugars 9943
superoxide dismutase 11134
transcription factors 5532
transposable elements 1192
Trema tomentosa, haemoglobin 9354
Trifolium repens 1459
development 432
roots 432
Trifolium subterraneum, naringenin-chalcone synthase 8233
Triticum aestivum 1271
ACC synthase 119
adenosinetriphosphatase 118, 2138
allergens 3326
α-amylase 6096, 12234
chlorophyll 3321
cold resistance 6750, 12271
dormancy 4489
Erysiphe graminis 3360
germin 6706
germination 12234
glucan branching enzyme 6701
glucose-1-phosphate adenylyltransferase 10048
glutenins 2140
histones 7920, 10042
hydrolases 9159
male sterility 3326

Gene expression *cont.*
Triticum aestivum cont.
metallothionein 3317, 6739
NADH dehydrogenase 3310
phosphorylation 12204
photosynthesis 5627
plant embryos 3326
pollen 3317
polyamines 4534
protein kinase 7921, 9107
proteins 3308
Puccinia recondita 4534
seeds 4489, 6708, 12204
serpins 2125
somatic embryogenesis 6739, 10057
transposable elements 4472
Triticum monococcum, transposable elements 4472
Trollius chinensis, germination 4263
Ulmus americana
esterases 12200
fatty acids 12200
Vaccinium macrocarpon, β-glucuronidase 9605
Vicia faba
adenosinetriphosphatase 1507
binding proteins 477
development 2442, 11548
glycine-rich proteins 6034
legumin 8293
lipoxygenase 4847
metallothionein 7166
nodulation 6034
nodulins 2440
seeds 2442, 11548
sucrose 9426
sugars 11548
translocation 9426
Vicia narbonensis
hygromycin phosphotransferase 9352
nopaline synthase 9352
Vicia sativa
DNA binding proteins 3686
nitrogen fixation 3686
Vigna radiata
ACC oxidase 7205
ACC synthase 8352-8353
pectinesterase 521
Vigna unguiculata
drought resistance 6076
leghaemoglobin 11578
viruses 11140
Vitis vinifera
anthocyanins 3984
chitinase 12674
flavonoids 3984, 6206
β-fructofuranosidase 2699
glutamate-ammonia ligase 770
ripening 2699
stilbene synthase 10699
water balance, reviews 9933
woody plants
dormancy 5278
photoperiodism 5278
Zea mays 3188, 3450, 3452, 6924, 8073, 8095, 9192
abscisic acid 6910, 9082, 10200, 12192
actin 266
adenosinetriphosphatase 1364
alcohol dehydrogenase 3508, 5569, 11342
α-amylase 10107
β-amylase 9186
annexins 5705
anoxia 3508, 5569, 5826-5827
anthocyanins 294, 9201, 9231, 9236
calcium 3511
cell cycle 245, 9188
cell division 6923
chitinase 10210
cold resistance 8100
colour 293, 5709
cycloheximide 8100
cytochrome-*c* oxidase 10152
death 12092
development 5766, 11340, 12176
diseases 12092
DNA binding proteins 5710, 9198, 9201, 9231, 10160, 11340

Gene expression *cont.*
Zea mays cont.
endosperm 5776, 6915, 11344, 12176, 12314
ferredoxin 12320
flavonoids 293
formaldehyde dehydrogenase (glutathione) 12312
β-fructofuranosidase 248, 1363
germination 10199
globulins 6910
glutamate-ammonia ligase 6916
glutathione transferase 9219
glyceraldehyde-3-phosphate dehydrogenase 5827
glycoproteins 11335
growth regulators 6910, 9082, 10200, 12192
habit 6940
heat shock 2283
heat shock proteins 3509, 9252, 10219, 10247-10250
heterosis 4462
isoenzymes 6933
lactate dehydrogenase 5826
leaves 1254
ligules 6930
lipoxygenase 6933
methyltransferases 12313
mitochondria 3451
nitrogen 8085, 10246
nutrients 8085, 10246
oleosins 6912
phosphate translocator 8074
phosphoenolpyruvate carboxylase 5441, 11337
phytase 6911
phytoalexins 2300
phytoene synthase 6917
plant embryos 3288, 11346
pollen 266, 3509, 8083
protein kinase 3449, 3511, 9200, 11334
ribosomes 8083
ribulose-bisphosphate carboxylase 1365
seeds 8085
starch 269, 11344
starch branching enzyme 9187
starch synthase 11352
stress 3511
sucrose synthase 248, 1363, 11340
transcription factors 6913
transposable elements 257, 5710, 5725, 5727, 5730, 5736, 6918, 7829
viruses 6923
vivipary 9201
zein 2256, 5715, 5757, 5789, 6928, 12314
Zinnia elegans
cinnamate 4-monooxygenase 4253
cinnamyl-alcohol dehydrogenase 9832
tubulin 6469
xylem 12996
Gene flow 6662, 7849, 9996, 10002
Aquilegia chrysantha 4256
Aquilegia longissima 4256
Argania spinosa 5202
Armeria maritima 7673
Beta maritima 8674, 9702
Beta vulgaris, sugarbeet 9702, 9705
Brassica 8560
Brassica campestris 1770
turnip rape 4035
Brassica juncea 4044
Brassica napus
rape 1769-1770, 1772, 4035, 8559, 9657, 9662
reviews 7439
Brassica × *Raphanus* 1769
Brassica × *Sinapis* 1769
Dactylorhiza incarnata 8884
Fagus sylvatica, chloroplast genetics 6371
Gliricidia sepium 7632
Helianthus annuus 12742
Iris chrysophylla 6489
Iris douglasiana 6489
Iris innominata 6489
Iris tenax 6489

Gene flow *cont.*
Lolium perenne 11471-11472
Lythrum salicaria 1102
Oryza sativa 9315
Phaseolus lunatus 8302
Pithecellobium elegans 4183
Prunus dulcis 12709
pollination 4014
Pyrus communis 12648
Salix viminalis 1885
statistics 3273
Trifolium repens 12444
Gene location (*see also* Gene mapping; Linkage)
Arabidopsis thaliana
catalase 3195
dehydration 9018
naringenin 3-dioxygenase 2081
salinity 84
tobacco ringspot nepovirus 4430
Brassica 1765
Elymus × *Triticum*, barley yellow dwarf luteovirus 3364
Hordeum chilense, Schizaphis graminum 4568
Hordeum vulgare
development 8026
Erysiphe graminis 4565
isoenzymes 11318
photoperiodism 8026
Rhynchosporium secalis 11318
Tilletia controversa 4465
Hordeum × *Triticum, Schizaphis graminum* 4568
Leymus × *Triticum*, aspartate aminotransferase 9114
Lycopersicon
fruits 1655
shape 1655
Lycopersicon esculentum, abscisic acid 604
Malus pumila, ribosomal RNA 7352
Oryza sativa
drought resistance 3622
growth period 11420
male sterility 357
photoperiodism 11420
Secale cereale
aluminium 12302
drought resistance 4463
isoenzymes 12302
Secale × *Triticum*
colour 6855
drought resistance 4463
inflorescences 6855
yield components 6854
Sorghum bicolor, alcohol dehydrogenase 4627
triticale, isoenzymes 8064
triticale × *Triticum, Diuraphis noxia* 1265
Triticum aestivum
calmodulin 2137
cold resistance 4514
dormancy 11253
drought resistance 4514
Erysiphe graminis 178
glutenins 6745
heat resistance 168
hydroxamic acids 11251
isoenzymes 8064
Leptosphaeria nodorum 177
photoperiodism 2157
quality 11270
reviews 6710
somatic embryogenesis 10057
starch 11270
stems 6728
Triticum durum
glumes 137
proteins 4497
seeds 4497
Vicia faba 3721
Zea mays 256
colour 10216
development 9228
diseases 304
leaves 9228
maize dwarf mosaic potyvirus 4618
maysin 6950
pests 304

Gene location *cont.*
Zea mays cont.
seeds 10216
vivipary 9208
Gene mapping 2071, 2073, 2075, 4387, 6616, 8975
Aegilops tauschii 7923
Aegilops × *Triticum* 1276, 6703
glutenins 4475
Agaricus bisporus 3132, 11094
Allium cepa 8410
Arabidopsis thaliana 52, 6633, 6636, 7826, 9004, 9966, 11167-11168, 12128
abscisic acid 73, 4424
aspartate kinase 12139
cold resistance 4424
DNA methylation 3233
dormancy 11182
glucosinolates 12141
growth regulators 4424
height 5552
lysine 12139
NAD(P)H dehydrogenase 9970
pathogens 7843
Peronospora parasitica 1222, 11196
phospholipase C 9020
phytochrome 9025
ribosomal RNA 11165
roots 4394
transposable elements 51, 7823
turnip crinkle carmovirus 5573
vernalization 71
Xanthomonas campestris 11192
Arachis cardenasii, Meloidogyne arenaria 2772
Arachis hypogaea, Meloidogyne arenaria 2772
Asparagus officinalis 587, 7306
Avena sativa 10125
Puccinia graminis 1343
Avena × *Zea* 9189
Beta vulgaris
beet necrotic yellow vein furovirus 5231
sugarbeet 887-888
bolting 8675
computer programming 8673
ribosomal DNA 8672
Brachiaria, apomixis 7091
Brassica alboglabra
colour 11806
seeds 11806
Brassica atlantica, glucosinolates 1786
Brassica campestris 7437
colour 11806
genomes 4034
seeds 11806
Brassica drepanensis, glucosinolates 1786
Brassica juncea 10764
Brassica napus
self incompatibility 12724
rape 4028, 7438, 8558
cytoplasmic male sterility 12725
desaturases 8557
Brassica nigra 7441
genomes 4034
techniques 9663
Brassica oleracea 1608, 8558
genomes 4034
self incompatibility 12724
broccoli, *Plasmodiophora brassicae* 4969
cabbages, *Plasmodiophora brassicae* 4969
Cannabis sativa 2910
Capsicum annuum, cucumber mosaic cucumovirus 7332
cereals 1259, 4460
dehydrins 219
drought resistance 219
Cicer arietinum 7185
Cicer reticulatum 7185
Citrus × *Poncirus* 8521
computer software 8959
crops 12079
conferences 8949
Cryptomeria japonica 10983
Cucumis sativus 12635
Elaeis guineensis 7500

Gene mapping *cont.*
Eucalyptus grandis 5281
Eucalyptus nitens
height 8778
leaves 8778
Eucalyptus urophylla 5281
Fabaceae, nodulation 11519
Fragaria ananassa, Phytophthora fragariae 11747
Fragaria vesca 9608
fruit crops 2664
genetic markers 10000
Glycine max 459, 1489, 9375
chlorimuron 6032, 11546
β-conglycinin 10407
development 11525
diseases 2435
Fusarium solani 10431, 11541
herbicides 6032, 11546
Heterodera glycines 10431, 10438, 11541
nodulation 11519
oils 1499
Phytophthora sojae 9415
proteins 1499
quantitative traits 458, 3709, 11546
seeds 1499, 3709, 10407
Glycine soja 1489
quantitative traits 458
Helianthus annuus 1799
oils 6254
Plasmopara halstedii 856
seeds 6254
Hevea brasiliensis 8762
Hordeum vulgare 106, 194, 1314-1315, 4548, 5598, 5665, 6683, 7922, 10025
barley mild mosaic bymovirus 223
barley yellow mosaic bymovirus 223
cold resistance 11316
dehydrins 219
drought resistance 219
flowering 349
height 3291
Heterodera avenae 11321
hordein 12285
phytochrome 5674
Puccinia hordei 8044
Pyrenophora teres 221
quality 9168, 10112
quantitative traits 5673
Rhopalosiphum 8047
salinity 10119
Schizaphis graminum 8047
Sitobion akebiae 8047
vernalization 3291
Lactuca sativa
diseases 7299
lettuce mosaic potyvirus 10586
turnip mosaic potyvirus 10586
Lilium, Fusarium oxysporum 7850
Lycopersicon
insects 12614
quality 6141
salinity 12610
sugars 12614
Lycopersicon esculentum 5007, 12079
diseases 5031
Leveillula taurica 12612
molybdenum cofactor 10592
oxygenases 10592
pests 5031
phytochrome 2577, 5015
quantitative traits 1647, 1653
Ralstonia solanacearum 5033
ribosomal DNA 5005
Lycopersicon pennellii, quantitative traits 1647
Lycopersicon peruvianum 5007
Lycopersicon pimpinellifolium, Ralstonia solanacearum 5033
Malus pumila 7869, 8469, 10652
Dysaphis devecta 7362
Manihot esculenta 2509, 12561
mathematics 3191, 11198, 12086
Medicago sativa 3674
Nicotiana tabacum 1854
nucleotide sequences 9958
Oryza rufipogon 1403
Oryza sativa 107, 347, 1397, 1403, 2315-2316, 2320, 3580, 4671, 4674,

Gene mapping *cont.*
Oryza sativa cont.
4679, 4691, 7012, 7020, 8132, 8136, 9283, 9287, 10029, 10297, 12079, 12363, 12366, 12368-12369
aroma 3614
cytoplasmic male sterility 4694
flowering 349
fragrance 11430
glucan branching enzyme 8141
glumes 4677
glutelins 4713
Magnaporthe grisea 1421, 5934, 9311, 12367
naringenin-chalcone synthase 3584
Orseolia oryzae 9313
plant embryos 4714
proteins 4707
quantitative traits 3585, 4681
roots 8157
waterlogging 1415
wide hybridization 9288
Xanthomonas oryzae 3631, 12404
Pennisetum glaucum
ribosomal DNA 8121
sex 1391
Pennisetum mollissimum, sex 1391
Pennisetum violaceum
ribosomal DNA 8121
sex 1391
Petunia hybrida 6485, 7686
Phaseolus vulgaris, phaseolin 481
phytochrome 9945
Picea glauca, ribosomal RNA 12900
Picea sitchensis, ribosomal RNA 12900
Pinus pinaster
carene 5312
height 12897
quantitative traits 12897
recombination 990
Pinus strobus 11957
Pinus taeda 12892
Pisum sativum 7869, 10020
flowers 12503
glutathione reductase 3747
leaves 12503
Poaceae 10026
evolution 12417
Prunus 8479
Prunus davidiana, Sphaerotheca pannosa 1730
Prunus dulcis 1727
Prunus persica 1727, 8485
Sphaerotheca pannosa 1730
quantitative traits 3190, 11148, 11198, 12086
mathematics 6610
statistics 3253, 3257, 12085, 12159
reviews 7801
Ribes nigrum 3965
Saccharum 2780
Saccharum officinarum 8643
Secale cereale 3400, 3402, 6683, 8057, 10020
allergens 4473
DNA methyltransferase 4473
endosperm 12300
height 3291
ligules 12300
vernalization 3291
waxes 12300
Silene latifolia, sex 7671
Solanum chacoense 533
Solanum tuberosum 3790
potato X potexvirus 12555
potato Y potyvirus 4922-4923
Sorghum bicolor 6959, 6961, 10029, 10271
phytochrome 9265
repetitive DNA 12338
statistics 8976
Theobroma cacao 2831
transposable elements 4386
triticale 10025
Triticeae 10028
Triticum 7924
Triticum aestivum 106, 5598, 6683, 6703, 6707, 7923, 9105, 10025
allergens 4473
aluminium 1294
chlorotoluron 4541

Gene mapping *cont.*
Triticum aestivum cont.
chromosome pairing 11242
cold resistance 6750, 12272
DNA methyltransferase 4473
Erysiphe graminis 10083
gliadin 10060
globulins 1272
glutenins 10060
height 3291, 11254
herbicides 4541
protein kinase 4536
Puccinia recondita 2198, 4536, 10083, 12276
Pyrenophora tritici-repentis 4532
quantitative traits 12221
regenerative ability 11260
telomeres 9106
Ustilago segetum 9157
vernalization 3291, 11254
water balance 4487
Triticum dicoccoides
chlorotoluron 4541
herbicides 4541
Triticum durum 9113
chromosome pairing 11242
globulins 1272
salinity 3348
Triticum monococcum 7922
vegetables 2124
Vicia faba 3719, 10020
Vigna angularis 1550
Vigna unguiculata, Aphis craccivora 517
Zea mays 107, 1355, 1357, 5723-5724, 5735, 9199, 10029, 10271
abscisic acid 9233-9234
anthocyanins 1352
apomixis 4600
chromosome pairing 10186
Cochliobolus carbonum 5835
cytoplasmic male sterility 5754
development 5800
DNA repair 10181
drought resistance 1377
endosperm 5818
flowering 12319
growth regulators 9233-9234
habit 5758
height 10208
Helicoverpa zea 9258-9259
hydroxamic acids 11339
leaves 5758, 5764, 5773-5774, 10211
lysine 5818
maize mosaic nucleorhabdovirus 12336
male sterility 5751, 5753, 9212
malic enzyme 10150
maysin 9258-9259
necroses 9255
phosphoric monoester hydrolases 10155
plant embryos 11346
pollen 5753
pollen competition 4601
protein kinase 10155
Puccinia sorghi 10260
quantitative traits 2252, 12311
repetitive DNA 5716
seeds 5758, 5781
Xanthomonas oryzae 10260
Gene tagging
Arabidopsis thaliana 4392
transposable elements 4400
Hordeum vulgare, transposable elements 4549
Oryza sativa, glumes 4677
Gene transfer 9052
Genes (*see* Genetics; Multiple alleles; Multiple genes)
Genetic distance
Abies alba 2984
Abies nebrodensis 2984
Brassica
genetic markers 10576
restriction fragment length polymorphism 10577
Brassica napus, rape, isoenzymes 8570
Brassica oleracea
genetic markers 10576
restriction fragment length polymorphism 10577

Genetic distance *cont.*
Capsicum 10614
computer programming 89
Cupressus sempervirens 11980
Cynara scolymus, random amplified polymorphic DNA 3854
Glycine max, proteins 462
Gossypium barbadense 10871
Gossypium hirsutum 10871
grain legumes 7185
Larix decidua
isoenzymes 6409
yield components 12908
Larix leptolepis, yield components 12908
Larix sibirica, isoenzymes 6409
Lens
proteins 12511
seeds 12511
Lens culinaris
proteins 12511
seeds 12511
Malus pumila
random amplified polymorphic DNA 3926
restriction fragment length polymorphism 3926
Medicago ciliaris 5977
Medicago intertexta 5977
nucleotide sequences 1168
Orchis laxiflora, isoenzymes 1092
Orchis palustris, isoenzymes 1092
Pinus 988
Pinus halepensis, isoenzymes 10955
Pleurotus ostreatus
isoenzymes 3133
multivariate analysis 3133
Prosopis, isoenzymes 7638
Prunus persica, random amplified polymorphic DNA 3955
Quercus petraea 10906
random amplified polymorphic DNA 11927
Quercus robur 10906
Solanum melongena, yield components 1675
Triticum boeoticum 9111
Triticum urartu 9111
Vigna mungo 514
Vigna radiata 514
Vigna unguiculata 514
Vitis, proteins 5128
Zea mays, yields 3456
Genetic drift 9072, 9997
Cyclamen balearicum 12011
Lythrum salicaria 1102
mathematics 3
Genetic engineering 1169, 1180, 2068, 4384, 5519, 6613, 8983, 9953
(*see also* Genetic transformation; Molecular genetics)
Abies, microsatellites 5309
allergens 7779
Allium cepa, fructan:fructan 6G-fructosyltransferase 7258
Amaranthus caudatus, pathogenesis-related proteins 397
Antirrhinum majus
development 1072, 9039
flavonol 3-*O*-glucosyltransferase 12007
flowering 1072
flowers 9039
Arabidopsis thaliana 4419
acetyl-CoA carboxylase 9669
acyl-CoA desaturase 9971
S-adenosylmethionine synthetase 6374
aspartate kinase 9015
chlorsulfuron 7845
death 9965
dehydrins 4426
development 7815
elongation factors 7813
ethylene 1064, 9007
G proteins 6639
geranylgeranyl pyrophosphate synthase 7820
glyoxalase 6627
herbicides 7845
homoserine dehydrogenase 9015
phosphatidylcholine desaturase 2080

Arabidopsis thaliana cont.
photosynthesis 9040
potassium 6628
proline dehydrogenase 4427
recombination 3214
senescence 9007, 9848
sucrose 9040
superoxide dismutase 9748
trehalose 4426
Aralia cordata, cinnamyl-alcohol dehydrogenase 5242
Atriplex nummularia, osmotin 2835
Avena sativa, arginine decarboxylase 6801
Bacillus thuringiensis 8969
Bertholletia excelsa, albumins 816, 6240, 9686, 12409
Beta vulgaris
glyphosate 1841
herbicides 1841
sugarbeet
enzymes 4098
herbicides 1842, 2821
starch 4098
biosafety 5525, 7779, 9954, 12106, 12120
reviews 9950
books 9921
Borago officinalis, linoleoyl-CoA desaturase 9876
Brassica napus
rape 1766
fatty acids 837
herbicides 25
self incompatibility 8567
Canavalia gladiata, canavalin 7124
Cedrus, microsatellites 5309
Citrullus lanatus
hydro-lyases 7337
serine *O*-acetyltransferase 7337
Citrus sinensis, limonin 11774
conferences 12061
crops 27, 10014
biosafety 8977
herbicides 25, 2053, 4366
insects 3166
lignin 4755
phenolic compounds 4755
stress 6603
viruses 22, 5515
Cucurbita, citrate synthase 1703
diseases 4365, 7779, 7789
reviews 8964
ethylene 4370
Eucalyptus globulus, lignin 12860
fatty oil plants
fatty acids 4026, 10763
oils 10763
fodder legumes
diseases 3651
lignin 4755
phenolic compounds 4755
viruses 3652
forest trees 4158
lignin 7617
fruit crops, quality 37
Galanthus nivalis, lectins 5429, 6096
Glycine max
allergens 6031
binding proteins 7136
dihydrodipicolinate synthase 8265
fatty acids 3713
glutamate-ammonia ligase 9357, 11524
glyphosate 6031
herbicides 6031
nodulins 9356
Gossypium hirsutum
Bacillus thuringiensis 12838
insects 12838
grain legumes
amino acids 12454
nutritive value 12454
Helianthus annuus 4058
DNA binding proteins 10549
Hevea brasiliensis 8761
Hordeum vulgare
α-amylase 11305
drought resistance 11307
heat shock 2210
peroxidases 6797
Hordeum vulgare cont.
serpins 2125
intellectual property rights 5525
Ipomoea batatas, trypsin inhibitors 11899
Lactuca sativa, violaxanthin de-epoxidase 8426
legislation 12120
Lycopersicon esculentum 3859, 9548
ACC oxidase 5013
biosafety 3884
insecticides 3884
protein kinase 5039-5040, 10604
Pseudomonas syringae 5039-5040
Malus pumila
ACC oxidase 5080
ethylene 5080
Medicago sativa
Bacillus thuringiensis 5596
Spodoptera exigua 5596
Spodoptera littoralis 5596
Mirabilis jalapa, pathogenesis-related proteins 397
Narcissus pseudonarcissus, phytoene synthase 9305
Nicotiana benthamiana
cowpea mosaic comovirus 6341
tomato spotted wilt tospovirus 12823
tomato yellow leaf curl bigeminivirus 6340
Nicotiana plumbaginifolia, superoxide dismutase 4123
Nicotiana tabacum
ACC oxidase 12808
ACC synthase 12808
Bacillus thuringiensis 5596, 12828
chitinase 3911
haemoglobin 6321
lysine 9740
osmotin 3162
pathogenesis-related proteins 3162
photosynthesis 9735
seeds 9740
Spodoptera exigua 5596
Spodoptera littoralis 5596, 12828
tobacco mosaic tobamovirus 2853
ornamental plants
books 3145
colour 3000
flowers 2994, 3000
morphology 2994
pathogens 3001
Oryza sativa 11877
actin 11238
amylose 12361
Bacillus thuringiensis 10342
chitinase 2314
4-coumarate-CoA ligase 10296
endosperm 6915
glutamate-ammonia ligase 2335
glutelins 2317
phytochrome 7580
pollen 12361
ribulose-bisphosphate carboxylase 8640
Scirpophaga incertulas 10342
starch synthase 12361
Papaver somniferum, alkaloids 12037
pests, reviews 8964
Petunia
chitinase 3911
naringenin-chalcone synthase 12877
Petunia hybrida
colour 6417
flowers 6417
naringenin-chalcone synthase 12008
Phaseolus vulgaris 4852
chitinase 3911, 6096
glutamate-ammonia ligase 2446
naringenin-chalcone synthase 3728, 9430, 11554
phaseolin 3727
Phoenix dactylifera, Fusarium oxysporum 8533
phosphinothricin acetyltransferase 40
Phytolacca americana, antiviral proteins 12822
Picea, microsatellites 5309
Pinus, microsatellites 5309
Pisum sativum 492
cytokinins 2846
glutathione reductase 4871
Pisum sativum cont.
isopentenyltransferase 2846
lectins 12436
metallothionein 12122
polymers 11155
Populus, lignin 12874
Psophocarpus tetragonolobus, chymotrypsin inhibitors 10522
Raphanus sativus, acetyl-CoA acetyltransferase 3823
reviews 3170, 7798, 11149
Ricinus communis
alcohol dehydrogenase 5194
phosphatidylcholine 12-monooxygenase 9690
salinity 2037
Solanum tuberosum 11596
cytosolic phosphorylase 12547
glucan branching enzyme 1564
glucose-1-phosphate adenylyltransferase 1564
osmotin 3162
patatin 4910
pathogenesis-related proteins 3162
reviews 8369
starch synthase 1564, 4900
Sorghum bicolor, malate dehydrogenase 9833
Spinacia oleracea
cysteine synthase 3846
photosynthesis 2551
sucrose-phosphate synthase 8646
techniques 36
Triticum aestivum 5610
α-amylase 6096
glutenins 147, 4502
male sterility 12227
serpins 2125
transcription factors 6702
Ulmus americana, Ophiostoma ulmi 10930
vaccines 9948
vegetables
quality 37
reviews 5593
Vigna unguiculata, trypsin inhibitors 1735
viruses 2051
Vitis vinifera, stilbene synthase 11443
Zea mays
adenosinetriphosphatase 2255
anthocyanins 11338
colour 5784
globulins 6910
heat shock proteins 9252
lysine 9241
naringenin-chalcone synthase 5784
oleosins 6912
phosphoenolpyruvate carboxylase 11337
pollen 5784
proteins 12186
seeds 9241
transposable elements 4549, 7829
zein 5757, 9241, 12186
Genetic load, *Lupinus texensis* 4797, 4799
Genetic markers 1225, 2071, 2075, 4382, 5526, 6616-6617, 7762
Abies, microsatellites 5309
Acacia auriculiformis, isoenzymes 973
Allium cepa 6107
Allium fistulosum 6107
Alstroemeria 6488
Arabidopsis thaliana, male sterility 12132
Arachis, Meloidogyne arenaria 4079
Asparagus officinalis
isoenzymes 2555
seeds 6126
sex 10589
Avena 1260
Avena sativa, Puccinia graminis 1343
Brassica 1765
genetic distance 10576
Brassica napus
rape 4033
flowering 4433
heterosis 1771
Leptosphaeria maculans 10776
waxes 6247
Xanthomonas campestris 7292

Genetic markers *cont.*
Brassica oleracea
genetic distance 10576
glucose-6-phosphate isomerase 1610
isoenzymes 1610
phosphoglucomutase 1610
Cannabis sativa 2907, 2911
carbohydrates 12158
Cedrus, microsatellites 5309
cell division 9060
Cenchrus ciliaris, apomixis 11485
cereals 11225
Citrus sinensis, seeds 5145
Coffea canephora, Pratylenchus coffeae 4109
crops
diseases 7778
fluorescence 5518
isoenzymes 2070
seed testing 2070
variety classification 2070
Cryptomeria japonica 10983
Cucumis melo
Fusarium oxysporum 2621-2622
Sphaerotheca fuliginea 2621-2622
Cucumis sativus 8457
sex 2649, 9584
Cuphea lanceolata, fatty acids 7520
Cuphea viscosissima, fatty acids 7520
Daucus carota, somatic embryogenesis 8395
Dianthus caryophyllus 6416
diseases 12097
Erianthus × *Saccharum* 8641
Eucalyptus grandis 2926
Eucalyptus urophylla 2926
evolution, reviews 1801
Fagus orientalis, proteins 968
Fagus sylvatica 10910
proteins 968
fluorescence 6615
forest trees, isoenzymes 954
fruit crops 2664
gene mapping 10000
Glycine 8260
Glycine max 8257
chlorosis 9403
Fusarium solani 6020, 9408-9409, 10431
Heterodera glycines 6025, 9408-9409, 10431
iron 9403
Meloidogyne javanica 11545
mung bean yellow mosaic bigeminivirus 8289
nodulation 7133, 9400
nutrients 9403
oils 8281
proteins 8281
quality 10423
salinity 9407
seeds 8281
shedding 7142
soybean mosaic potyvirus 9419
yield components 2421
yields 9394
Gossypium 4133
gymnosperms, proteins 985
Helianthus, hybridization 1801
Hevea 2917
Hevea brasiliensis 8762-8763
isoenzymes 8769
latex 8766-8767
Hordeum 1260
Hordeum vulgare 106, 1313-1314, 10102
barley yellow mosaic bymovirus 5689
enzymes 2219
Erysiphe graminis 3386
esterases 5689
hordein 2218
proteins 2219
quantitative traits 8014
transposable elements 6779
Hordeum × *Triticum,* morphology 12208
Humulus lupulus, sex 11086
hybridization 93
Juglans, cherry leaf roll nepovirus 1758
Lactuca sativa, diseases 7299
Lilium, flowers 6500
Lotus japonicus, symbiosis 11510
Lycopersicon, self compatibility 601

Genetic markers *cont.*
Lycopersicon esculentum, tomato mosaic tobamovirus 10606
Malus, Venturia inaequalis 8473
Malus floribunda, Venturia inaequalis 8474
Malus pumila, habit 10660
Medicago, sexual reproduction 12414
Medicago sativa, development 7098
Medicago truncatula, quantitative traits 1443
Mimulus, self pollination 12992
Nicotiana plumbaginifolia 7574
Nicotiana sylvestris 7574
Nicotiana tabacum, pollen 8695
Oryza
taxonomy 4731
transposable elements 4731
Oryza grandiglumis, esterases 1404
Oryza officinalis, esterases 1404
Oryza rufipogon, ribosomal RNA 4668
Oryza sativa 4691, 9283
aroma 3614
drought resistance 3622
esterases 1404
gene banks 11402
height 3608
internodes 3608
isoenzymes 4738
Magnaporthe grisea 4746
male sterility 8150
ribosomal RNA 4668
salinity 4738
seedlings 4704
variety classification 10300
Xanthomonas oryzae 3631
Persea americana, heterozygosity 4005
pests 3161
Phaseolus vulgaris
bean common mosaic potyvirus 6051
quality 10458
Picea, microsatellites 5309
Picea abies 9924
microsatellites 12901
Picea engelmannii, photosynthesis 11968
Picea glauca, photosynthesis 11968
Picea sitchensis, photosynthesis 11968
Pinus, microsatellites 5309
Pinus caribaea, somatic embryogenesis 12899
Pinus densiflora
interspecific hybridization 4191
isoenzymes 995
Pinus pinaster 2926
isoenzymes 991
terpenoids 991
Pinus taeda 2964
Pinus thunbergii
interspecific hybridization 4191
isoenzymes 995
plantation crops 12118
Poa pratensis, sexual reproduction 12414
Populus, Melampsora larici-populina 1884
Porteresia coarctata, genetic variation 11406
Pseudotsuga menziesii, isoenzymes 1029
quantitative traits 4433, 11148
statistics 3247, 3254-3255
Quercus macrocarpa
outcrossing 2933
seed dispersal 2933
Quercus petraea, microsatellites 12863
Quercus robur, microsatellites 12863
recombination
computer programming 5577
statistics 5577
reviews 2067, 7801, 11146
Rosa 6416
Saccharum officinarum 8641-8642
diseases 8666
Santalum album, somatic embryogenesis 8395
Secale cereale 123, 3403
Secale × triticale, gliadin 299
Secale × *Triticum* 123
selection 12161-12162
Solanum, isoenzymes 7324
Solanum berthaultii, Leptinotarsa decemlineata 1582
Solanum melongena, isoenzymes 7324

Genetic markers *cont.*
Solanum phureja, Phytophthora infestans 12552
Solanum tuberosum 3790
Leptinotarsa decemlineata 1582
Sorghum bicolor 6958
drought resistance 2299
height 10271
statistics 3251
Stylosanthes 1477
taxonomy 6621
Tripsacum, apomixis 5843
triticale, isoenzymes 8064
Triticum 7924
Triticum aestivum 106
abnormal development 3330
abscisic acid 5599
anther culture 3309
enzymes, reviews 6709
Erysiphe graminis 3361, 3386
gliadin 3330, 3361, 9126
glutenins 9126
growth regulators 5599
isoenzymes 8064
proteins, reviews 6709
Pseudocercosporella herpotrichoides 7991
Puccinia recondita 2197, 5658
sprouting 1282
stress 5599
Ustilago segetum 7999
Triticum durum
proteins 4497
seeds 4497
Triticum spelta, Puccinia recondita 5658
vegetables 2124
Vitis, Plasmopara viticola 782
Vitis vinifera, variety classification 2700
Zea mays 1260, 5706, 5721, 10157, 10163, 11331, 12309
abscisic acid 5599
apomixis 5843
chromosome translocation 5747
Diatraea grandiosella 10264
Diatraea saccharalis 2288, 10264
drought resistance 10255, 10264
growth regulators 5599
microsatellites 1358
morphology 10203
quantitative traits 2266
recombination 1359
stress 5599
yield components 10203
Genetic resources 1151, 1154-1156, 1158, 2028-2030, 2111, 3156, 4348-4349, 5508, 6570, 6572-6579, 6581-6587, 6589-6591, 6598, 7069, 7761, 7763-7770, 7777, 8957, 9074, 9925, 9929, 11121, 11125, 12073-12076, 12080-12083
(*see also* Gene banks)
Abies alba 2983
Acacia 12884
Aegilops 9100
Allium 12577
Allium cepa 8409
Apios 4944
Arachis 6262
Astragalus sinicus 4322
Backhousia citriodora 7736
bamboos 11087
Beta 7542, 11867
bibliographies 12077
Bidens tripartita 10822
biotechnology 5507
Boehmeria nivea 12843
books 5499, 7758, 12066, 12068
Brassica campestris 9674
turnips 1603
Brassica juncea 2746, 7270, 9674
Brassica napus, rape 5171, 9674
Brassica oleracea 1632
cabbages 1603, 1633
Brassicaceae 11632
Bromus 11481
Cajanus platycarpus 9473, 9480, 9483
Camellia sinensis 2825
Cannabis sativa 8750, 10888
Capsicum 12618
Capsicum annuum 5050-5051, 11126
Carissa 8537

Castanea mollissima 4017
Catharanthus coriaceus 8906
Centaurium erythraea 1104
Centrosema 10390
cereals 2120, 3154
  books 12067
Chamaedorea 6382
Chamaedorea dammeriana 6382
Chrysophyllum cainito 8540
Cicer 11570
Cicer arietinum 9447-9448
Citrus 7418, 11771
Citrus sinensis 11770
Coccothrinax yunquensis 6388
Cocos nucifera 11823
Coffea 5233, 7555
Coffea arabica 10842
computer software 9928
conferences 13056
conifers 2960
Coriandrum sativum, books 3144
Cornus mas 11764
Crocus 3074
crops 1159, 2027, 3154, 4448, 5506, 5510, 7771, 8958, 9930, 10016, 12079
  books 13062-13063
  conferences 5491
Cucurbita maxima 5066
Cucurbita moschata 5066
Cucurbita pepo 5066
Cucurbitaceae 1688
databases 2031
Dendrobium 1973
Desmodium 10390
Dioscorea 8403
Ebenus cretica 4247
Echinacea purpurea 9826
economics 11127
edible species 6588
Eleusine coracana 1392, 4455
Eragrostis tef 7092
Eucalyptus rhodantha 2930
Exacum 6460
Fagopyrum 7063
Fagus sylvatica 2936-2937
Ficus 2705
fodder legumes 1470, 8188-8189, 12413
forest trees 952-953, 2921-2923, 2925, 8777, 9924, 10893
Fragaria chiloensis 10693
Glycine 9370
Glycine latifolia 9367
Glycine max 453, 5999, 7150, 7153
Glycine soja 1483
Gossypium hirsutum 5253
grain legumes 2416
  conferences 2015
grasses 8189
Helianthus 7486
Helianthus annuus 844, 7486
herbage crops 7072
  databases 7073
Hesperaloe funifera 5265
Hevea 5273
Hevea brasiliensis 8753-8756, 8764-8765
Hibiscus cannabinus 5264
Hordelymus 5662
Hordeum 5662, 9924
Hordeum chilense 8010
Hordeum spontaneum 6781, 10117
Hordeum vulgare 6781, 8009, 8034, 11301
horticultural crops 5511
Humulus lupulus 4320
Hypericum perforatum 8908
information processing 11128
  conferences 9912
intellectual property rights 6601
Ipomoea 4895
Ipomoea batatas 7242
Iris 7689
Iris pallida 7688
Jatropha curcas, books 3143
Juglans regia 6236
Lemaireocereus queretaroensis 12704
Lens 11569
Lens culinaris 6061
Leptospermum scoparium 10992
Lesquerella 11843
Lilium 7695
Lupinus albus 7110
Lycopersicon 5000, 5030
Malus pumila 2666, 7348
Malus sylvestris 2665
Mammillaria sinistrohamata 5440
Mammillaria wagneriana 5440
Manihot esculenta 8397
Manilkara zapota 8540
Marrubium vulgare 11057
mathematics 11126
Medicago 2390
Medicago sativa 4783
medicinal plants 9871
  books 11114
Melaleuca alternifolia 7735
molecular genetics 7805
Momordica charantia 2657
Morus 3989
Morus laevigata 11761
multipurpose trees, books 1144
Musa 3993, 5138, 12682
  conferences 4326
nut crops 2731-2732
Olea europaea 6259
Orchidaceae 1090
Origanum vulgare 11078
ornamental ferns 12027
ornamental plants 1036, 1038, 10990
Orychophragmus violaceus 1602, 4083
Oryza 10286
Oryza sativa 7, 1394, 2311, 3577, 4655-4656, 4659-4660, 5869, 8128-8129, 10286, 11401, 12356-12357
  economics 10285
Pachyrhizus, books 1145
Pennisetum glaucum 4455, 4646, 6984
Pentaclethra macrophylla 10820
Phaseolus 7172
Phaseolus lunatus 4850
Phaseolus vulgaris 2445, 6037, 6042, 7167, 10448, 11558, 12483
Phoenix dactylifera 8532
Physaria 11843
Picea abies 4199, 11967
Pinus 2962, 4190
Pinus chiapensis 10950
Pinus taeda 10951
Pistacia 2733
Pistacia vera 4018
Pisum sativum 2456
Poa pratensis 7077
Poncirus trifoliata 791
Populus nigra 2941, 5286
Porteresia coarctata 5868
Pouteria campechiana 8540
Pouteria sapota 8539-8540
Prosopis cineraria 8792
Prunus
  apricots 675-676, 678-679, 687, 5093
  peaches 5093
  plums 5093
Prunus armeniaca 680-682, 11685
Prunus avium 10676
Prunus dulcis 4015
Prunus fructicosa 11732
Prunus persica 8482
Psilanthus 5233
Pyrus bretschneideri 9594
Pyrus communis 9594
Pyrus pyraster 2665
Pyrus pyrifolia 9594
Quercus petraea 12861
Quercus robur 12861
Raphanus sativus 3822, 11619
Rhododendron 3007
Rhododendron catawbiense 5331
root crops 4895-4896, 12535
Rosa 12929
Rubus 755, 2686
Saccharum 8621, 11846
Scopolia carniolica 8905
seed testing 6567
Sesamum indicum 861
  multivariate analysis 1827
Sinapis arvensis 2750
Solanum 4897
  tuberous species, history 7214
Solanum melongena 5047
Solanum sessiliflorum, multivariate analysis 8538
Solanum tuberosum 3803, 6580, 7214, 8365
Sorghum 4624
Sorghum bicolor 2290, 4455, 4629
subtropical fruits 1744-1746, 7403
Swietenia macrophylla 2953
Taeniatherum 5662
temperate fruits, databases 651
Teramnus 1479, 4807
Theobroma cacao 2830, 9712, 10845
Tilia cordata 976
Tilia platyphyllos 976
trees 2924
Trifolium 431
Trifolium alexandrinum 1453
Trifolium pratense 7072
Trifolium repens 1451-1452, 2401
triticale 6819
Triticum 9100, 9131
  conferences 9911
Triticum aestivum 114, 4466-4467, 7884, 9092-9093, 10094, 11232-11233
Triticum dicoccoides 10034, 10053, 10056
Triticum dicoccum 9095-9096, 10037
Triticum durum 3298, 7959, 10094
Triticum monococcum 9095-9096
Triticum spelta 9095-9096, 10037
tropical fruits 1744-1746, 7403
Uapaca 10749
Ugni molinae 6211
Ulmus 10929
Vaccinium stamineum 2690
vegetables 3284, 6571, 9931
Vicia 6580, 8239
Vicia sativa 4322
Vigna 7172, 9493
Vigna radiata 7203
Vigna unguiculata 7199
Vitis vinifera 3986, 8513, 9614, 11748
Zea mays 3434-3435, 4455, 5809, 5815, 8068, 10137, 10176-10177
  popcorn 8067
Zizania caduciflora 2370

Genetic transformation 1178-1179, 5524, 5527, 5529, 7799, 7804, 12108, 12112
Actinidia deliciosa 2704
Aegilops cylindrica, actin 11238
Agaricus bisporus, β-glucanase 7747
Agrobacterium 2076, 11150
Agrobacterium rhizogenes 2063, 5522, 12107
Agrobacterium tumefaciens 1181, 3173, 4377, 11151, 11153
Agrostis stolonifera 10359
  bilanafos 11993
  herbicides 11993
allergens 4374-4375
Allium cepa 565, 2077
Allocasuarina verticillata, Agrobacterium tumefaciens 8794
Anthurium andreanum 12980
antibodies, plants 4380
antigens 3194, 4376
Arabidopsis thaliana 2077, 4395, 4397, 6620, 6634, 6641
  acyltransferases 11809
  adenosinetriphosphatase 3231
  aequorin 2103
  Agrobacterium tumefaciens 4388, 7809
  anoxia 2103
  aspartate kinase 3217
  Bacillus thuringiensis 9050
  betaine 11190
  binding proteins 4399
  cauliflower mosaic caulimovirus 3246, 7812
  chlorophyll 5546
  citrate synthase 1703
  cold resistance 3244, 11190
  β-conglycinin 12463
  cryptochrome 2085
  cyclophilin 54
  cystatin 12157
  cytosol aminopeptidase 54
  development 47, 2085, 9039, 11173, 12136-12137
  dihydrodipicolinate synthase 3217
  DNA methylation 47
  fatty acids 9690, 11809, 12779

acoustic reverberation, 214
  architectural acoustics, 215
    absorption coefficient, 216
    Sabine equation, 217
    reverberation time, 218
  diffraction, 219
    Fresnel zones, 220
    knife-edge, 221
  echo, 222
    flutter, 223
  impedance matching, 224
  interference, 225
  loudness, 226
    equal-loudness contours, 227
  psychoacoustics, 228
  resonance, 229
    Helmholtz, 230
    standing wave, 231
  speed of sound, 232
    temperature dependence, 233
  transducer, 234
  wavelength, 235
adaptive immune system, 236
  affinity maturation, 237
  antibody, 238
    antigen binding, 239
    class switching, 240
  antigen presentation, 241
    dendritic cell, 242
    MHC class I, 243
    MHC class II, 244
  B cell, 245
    germinal center, 246
    plasma cell, 247
  clonal selection, 248
  immunological memory, 249
  T cell, 250
    cytotoxic T cell, 251
    helper T cell, 252
    regulatory T cell, 253
  vaccination, 254
algebraic topology, 255
  chain complex, 256
    boundary operator, 257
    homology group, 258
  cohomology, 259
    cup product, 260
  covering space, 261
    deck transformation, 262
  exact sequence, 263
  fiber bundle, 264
    classifying space, 265
    principal bundle, 266
  fundamental group, 267
    Seifert–van Kampen theorem, 268
  homotopy, 269
    homotopy equivalence, 270
    weak homotopy equivalence, 271
  Mayer–Vietoris sequence, 272
  simplicial complex, 273
    barycentric subdivision, 274
    triangulation, 275
  singular homology, 276
  Whitehead theorem, 277
ancient mesopotamian mathematics, 278
  Babylonian algebra, 279
    completing the square, 280
    quadratic equations, 281
  base-60 numeral system, 282
    cuneiform numerals, 283
  clay tablet, 284
  Plimpton 322, 285
  Pythagorean triples, 286
  Susa mathematical texts, 287
  YBC 7289, 288
Antonine Wall, 289
  Bridgeness, 290
  Carriden, 291
  Rough Castle, 292
Apollonius of Perga, 293
  Apollonian gasket, 294
  Apollonius' problem, 295
    Descartes' theorem, 296
  conic sections, 297
    ellipse, 298
      eccentricity, 299
      focus, 300
    hyperbola, 301
    parabola, 302
      latus rectum, 303
  Conics, 304
  tangent lines to circles, 305
Archimedes, 306
  Archimedes' cattle problem, 307
  Archimedes' principle, 308
  Archimedes' screw, 309
  Archimedes' theorem on the sphere and cylinder, 310
  Book of Lemmas, 311
  Cattle problem, 312
  Method of Mechanical Theorems, 313
  On Floating Bodies, 314
  On Spirals, 315
  On the Measurement of a Circle, 316
  On the Sphere and Cylinder, 317
  Quadrature of the Parabola, 318
  Sand Reckoner, 319
  The Sandreckoner, 320
  Archimedes Palimpsest, 321
  Archimedes' claw, 322
  Archimedes' death ray, 323
  Archimedes' dodecahedron, 324
  Archimedes' lost theorems, 325
  Archimedes' principle, 326
  Archimedes' screw, 327
  Archimedes' theorem on the sphere and cylinder, 328
  Archimedes' trisection, 329
  Archimedes' twin circles, 330
  Archimedes' use of infinitesimals, 331
  Archimedes' use of mechanics in geometry, 332
  Archimedes' writings, 333
  Archimedean solid, 334
  Archimedean spiral, 335
  Archimedes' axiom, 336
  Archimedes' constant, 337
  Archimedes' cubic, 338
  Archimedes' dodecahedron, 339
  Archimedes' lemma, 340
  Archimedes' principle, 341
  Archimedes' screw, 342
  Archimedes' theorem on the sphere and cylinder, 343
  Archimedes' trisection, 344
  Archimedes' twin circles, 345
  Archimedes' use of infinitesimals, 346
  Archimedes' use of mechanics in geometry, 347
  Archimedes' writings, 348
  Archimedean solid, 349
  Archimedean spiral, 350
  Archimedes' axiom, 351
  Archimedes' constant, 352
  Archimedes' cubic, 353
  Archimedes' dodecahedron, 354
  Archimedes' lemma, 355
  Archimedes' principle, 356
  Archimedes' screw, 357
  Archimedes' theorem on the sphere and cylinder, 358
  Archimedes' trisection, 359
  Archimedes' twin circles, 360
  Archimedes' use of infinitesimals, 361
  Archimedes' use of mechanics in geometry, 362
  Archimedes' writings, 363
  Archimedean solid, 364
  Archimedean spiral, 365
  Archimedes' axiom, 366
  Archimedes' constant, 367
  Archimedes' cubic, 368
  Archimedes' dodecahedron, 369
  Archimedes' lemma, 370
  Archimedes' principle, 371
  Archimedes' screw, 372
  Archimedes' theorem on the sphere and cylinder, 373
  Archimedes' trisection, 374
  Archimedes' twin circles, 375
  Archimedes' use of infinitesimals, 376
  Archimedes' use of mechanics in geometry, 377
  Archimedes' writings, 378
  Archimedean solid, 379
  Archimedean spiral, 380
  Archimedes' axiom, 381
  Archimedes' constant, 382
  Archimedes' cubic, 383
  Archimedes' dodecahedron, 384
  Archimedes' lemma, 385
  Archimedes' principle, 386
  Archimedes' screw, 387
  Archimedes' theorem on the sphere and cylinder, 388
  Archimedes' trisection, 389
  Archimedes' twin circles, 390
  Archimedes' use of infinitesimals, 391
  Archimedes' use of mechanics in geometry, 392
  Archimedes' writings, 393
  Archimedean solid, 394
  Archimedean spiral, 395
  Archimedes' axiom, 396
  Archimedes' constant, 397
  Archimedes' cubic, 398
  Archimedes' dodecahedron, 399
  Archimedes' lemma, 400
  Archimedes' principle, 401
  Archimedes' screw, 402
  Archimedes' theorem on the sphere and cylinder, 403
  Archimedes' trisection, 404
  Archimedes' twin circles, 405
  Archimedes' use of infinitesimals, 406
  Archimedes' use of mechanics in geometry, 407
  Archimedes' writings, 408
  Archimedean solid, 409
  Archimedean spiral, 410
  Archimedes' axiom, 411
  Archimedes' constant, 412
  Archimedes' cubic, 413
  Archimedes' dodecahedron, 414
  Archimedes' lemma, 415
  Archimedes' principle, 416
  Archimedes' screw, 417
  Archimedes' theorem on the sphere and cylinder, 418
  Archimedes' trisection, 419
  Archimedes' twin circles, 420
  Archimedes' use of infinitesimals, 421
  Archimedes' use of mechanics in geometry, 422
  Archimedes' writings, 423
  Archimedean solid, 424
  Archimedean spiral, 425
  Archimedes' axiom, 426
  Archimedes' constant, 427
  Archimedes' cubic, 428
  Archimedes' dodecahedron, 429
  Archimedes' lemma, 430
  Archimedes' principle, 431
  Archimedes' screw, 432
  Archimedes' theorem on the sphere and cylinder, 433
  Archimedes' trisection, 434
  Archimedes' twin circles, 435
  Archimedes' use of infinitesimals, 436
  Archimedes' use of mechanics in geometry, 437
  Archimedes' writings, 438
  Archimedean solid, 439
  Archimedean spiral, 440
  Archimedes' axiom, 441
  Archimedes' constant, 442
  Archimedes' cubic, 443
  Archimedes' dodecahedron, 444
  Archimedes' lemma, 445
  Archimedes' principle, 446
  Archimedes' screw, 447
  Archimedes' theorem on the sphere and cylinder, 448
  Archimedes' trisection, 449
  Archimedes' twin circles, 450
  Archimedes' use of infinitesimals, 451
  Archimedes' use of mechanics in geometry, 452
  Archimedes' writings, 453
  Archimedean solid, 454
  Archimedean spiral, 455
  Archimedes' axiom, 456
  Archimedes' constant, 457
  Archimedes' cubic, 458
  Archimedes' dodecahedron, 459
  Archimedes' lemma, 460
  Archimedes' principle, 461
  Archimedes' screw, 462
  Archimedes' theorem on the sphere and cylinder, 463
  Archimedes' trisection, 464
  Archimedes' twin circles, 465
  Archimedes' use of infinitesimals, 466
  Archimedes' use of mechanics in geometry, 467
  Archimedes' writings, 468
  Archimedean solid, 469
  Archimedean spiral, 470
  Archimedes' axiom, 471
  Archimedes' constant, 472
  Archimedes' cubic, 473
  Archimedes' dodecahedron, 474
  Archimedes' lemma, 475
  Archimedes' principle, 476
  Archimedes' screw, 477
  Archimedes' theorem on the sphere and cylinder, 478
  Archimedes' trisection, 479
  Archimedes' twin circles, 480
  Archimedes' use of infinitesimals, 481
  Archimedes' use of mechanics in geometry, 482
  Archimedes' writings, 483
  Archimedean solid, 484
  Archimedean spiral, 485
  Archimedes' axiom, 486
  Archimedes' constant, 487
  Archimedes' cubic, 488
  Archimedes' dodecahedron, 489
  Archimedes' lemma, 490
  Archimedes' principle, 491
  Archimedes' screw, 492
  Archimedes' theorem on the sphere and cylinder, 493
  Archimedes' trisection, 494
  Archimedes' twin circles, 495
  Archimedes' use of infinitesimals, 496
  Archimedes' use of mechanics in geometry, 497
  Archimedes' writings, 498
  Archimedean solid, 499
  Archimedean spiral, 500
  Archimedes' axiom, 501
  Archimedes' constant, 502
  Archimedes' cubic, 503
  Archimedes' dodecahedron, 504
  Archimedes' lemma, 505
  Archimedes' principle, 506
  Archimedes' screw, 507
  Archimedes' theorem on the sphere and cylinder, 508
  Archimedes' trisection, 509
  Archimedes' twin circles, 510
  Archimedes' use of infinitesimals, 511
  Archimedes' use of mechanics in geometry, 512
  Archimedes' writings, 513
  Archimedean solid, 514
  Archimedean spiral, 515
  Archimedes' axiom, 516
  Archimedes' constant, 517
  Archimedes' cubic, 518
  Archimedes' dodecahedron, 519
  Archimedes' lemma, 520
  Archimedes' principle, 521
  Archimedes' screw, 522
  Archimedes' theorem on the sphere and cylinder, 523
  Archimedes' trisection, 524
  Archimedes' twin circles, 525
  Archimedes' use of infinitesimals, 526
  Archimedes' use of mechanics in geometry, 527
  Archimedes' writings, 528
  Archimedean solid, 529
  Archimedean spiral, 530
  Archimedes' axiom, 531
  Archimedes' constant, 532
  Archimedes' cubic, 533
  Archimedes' dodecahedron, 534
  Archimedes' lemma, 535
  Archimedes' principle, 536
  Archimedes' screw, 537
  Archimedes' theorem on the sphere and cylinder, 538
  Archimedes' trisection, 539
  Archimedes' twin circles, 540
  Archimedes' use of infinitesimals, 541
  Archimedes' use of mechanics in geometry, 542
  Archimedes' writings, 543
  Archimedean solid, 544
  Archimedean spiral, 545
  Archimedes' axiom, 546
  Archimedes' constant, 547
  Archimedes' cubic, 548
  Archimedes' dodecahedron, 549
  Archimedes' lemma, 550
  Archimedes' principle, 551
  Archimedes' screw, 552
  Archimedes' theorem on the sphere and cylinder, 553
  Archimedes' trisection, 554
  Archimedes' twin circles, 555
  Archimedes' use of infinitesimals, 556
  Archimedes' use of mechanics in geometry, 557
  Archimedes' writings, 558
  Archimedean solid, 559
  Archimedean spiral, 560
  Archimedes' axiom, 561
  Archimedes' constant, 562
  Archimedes' cubic, 563
  Archimedes' dodecahedron, 564
  Archimedes' lemma, 565
  Archimedes' principle, 566
  Archimedes' screw, 567
  Archimedes' theorem on the sphere and cylinder, 568
  Archimedes' trisection, 569
  Archimedes' twin circles, 570
  Archimedes' use of infinitesimals, 571
  Archimedes' use of mechanics in geometry, 572
  Archimedes' writings, 573
  Archimedean solid, 574
  Archimedean spiral, 575
  Archimedes' axiom, 576
  Archimedes' constant, 577
  Archimedes' cubic, 578
  Archimedes' dodecahedron, 579
  Archimedes' lemma, 580
  Archimedes' principle, 581
  Archimedes' screw, 582
  Archimedes' theorem on the sphere and cylinder, 583
  Archimedes' trisection, 584
  Archimedes' twin circles, 585
  Archimedes' use of infinitesimals, 586
  Archimedes' use of mechanics in geometry, 587
  Archimedes' writings, 588
  Archimedean solid, 589
  Archimedean spiral, 590
  Archimedes' axiom, 591
  Archimedes' constant, 592
  Archimedes' cubic, 593
  Archimedes' dodecahedron, 594
  Archimedes' lemma, 595
  Archimedes' principle, 596
  Archimedes' screw, 597
  Archimedes' theorem on the sphere and cylinder, 598
  Archimedes' trisection, 599
  Archimedes' twin circles, 600
  Archimedes' use of infinitesimals, 601
  Archimedes' use of mechanics in geometry, 602
  Archimedes' writings, 603
  Archimedean solid, 604
  Archimedean spiral, 605
  Archimedes' axiom, 606
  Archimedes' constant, 607
  Archimedes' cubic, 608
  Archimedes' dodecahedron, 609
  Archimedes' lemma, 610
  Archimedes' principle, 611
  Archimedes' screw, 612
  Archimedes' theorem on the sphere and cylinder, 613
  Archimedes' trisection, 614
  Archimedes' twin circles, 615
  Archimedes' use of infinitesimals, 616
  Archimedes' use of mechanics in geometry, 617
  Archimedes' writings, 618
  Archimedean solid, 619
  Archimedean spiral, 620
  Archimedes' axiom, 621
  Archimedes' constant, 622
  Archimedes' cubic, 623
  Archimedes' dodecahedron, 624
  Archimedes' lemma, 625
  Archimedes' principle, 626
  Archimedes' screw, 627
  Archimedes' theorem on the sphere and cylinder, 628
  Archimedes' trisection, 629
  Archimedes' twin circles, 630
  Archimedes' use of infinitesimals, 631
  Archimedes' use of mechanics in geometry, 632
  Archimedes' writings, 633
  Archimedean solid, 634
  Archimedean spiral, 635
  Archimedes' axiom, 636
  Archimedes' constant, 637
  Archimedes' cubic, 638
  Archimedes' dodecahedron, 639
  Archimedes' lemma, 640
  Archimedes' principle, 641
  Archimedes' screw, 642
  Archimedes' theorem on the sphere and cylinder, 643
  Archimedes' trisection, 644
  Archimedes' twin circles, 645
  Archimedes' use of infinitesimals, 646
  Archimedes' use of mechanics in geometry, 647
  Archimedes' writings, 648
  Archimedean solid, 649
  Archimedean spiral, 650
  Archimedes' axiom, 651
  Archimedes' constant, 652
  Archimedes' cubic, 653
  Archimedes' dodecahedron, 654
  Archimedes' lemma, 655
  Archimedes' principle, 656
  Archimedes' screw, 657
  Archimedes' theorem on the sphere and cylinder, 658
  Archimedes' trisection, 659
  Archimedes' twin circles, 660
  Archimedes' use of infinitesimals, 661
  Archimedes' use of mechanics in geometry, 662
  Archimedes' writings, 663
  Archimedean solid, 664
  Archimedean spiral, 665
  Archimedes' axiom, 666
  Archimedes' constant, 667
  Archimedes' cubic, 668
  Archimedes' dodecahedron, 669
  Archimedes' lemma, 670
  Archimedes' principle, 671
  Archimedes' screw, 672
  Archimedes' theorem on the sphere and cylinder, 673
  Archimedes' trisection, 674
  Archimedes' twin circles, 675
  Archimedes' use of infinitesimals, 676
  Archimedes' use of mechanics in geometry, 677
  Archimedes' writings, 678
  Archimedean solid, 679
  Archimedean spiral, 680
  Archimedes' axiom, 681
  Archimedes' constant, 682
  Archimedes' cubic, 683
  Archimedes' dodecahedron, 684
  Archimedes' lemma, 685
  Archimedes' principle, 686
  Archimedes' screw, 687
  Archimedes' theorem on the sphere and cylinder, 688
  Archimedes' trisection, 689
  Archimedes' twin circles, 690
  Archimedes' use of infinitesimals, 691
  Archimedes' use of mechanics in geometry, 692
  Archimedes' writings, 693
  Archimedean solid, 694
  Archimedean spiral, 695
  Archimedes' axiom, 696
  Archimedes' constant, 697
  Archimedes' cubic, 698
  Archimedes' dodecahedron, 699
  Archimedes' lemma, 700
  Archimedes' principle, 701
  Archimedes' screw, 702
  Archimedes' theorem on the sphere and cylinder, 703
  Archimedes' trisection, 704
  Archimedes' twin circles, 705
  Archimedes' use of infinitesimals, 706
  Archimedes' use of mechanics in geometry, 707
  Archimedes' writings, 708
  Archimedean solid, 709
  Archimedean spiral, 710
  Archimedes' axiom, 711
  Archimedes' constant, 712
  Archimedes' cubic, 713
  Archimedes' dodecahedron, 714
  Archimedes' lemma, 715
  Archimedes' principle, 716
  Archimedes' screw, 717
  Archimedes' theorem on the sphere and cylinder, 718
  Archimedes' trisection, 719
  Archimedes' twin circles, 720
  Archimedes' use of infinitesimals, 721
  Archimedes' use of mechanics in geometry, 722
  Archimedes' writings, 723
  Archimedean solid, 724
  Archimedean spiral, 725
  Archimedes' axiom, 726
  Archimedes' constant, 727
  Archimedes' cubic, 728
  Archimedes' dodecahedron, 729
  Archimedes' lemma, 730
  Archimedes' principle, 731
  Archimedes' screw, 732
  Archimedes' theorem on the sphere and cylinder, 733
  Archimedes' trisection, 734
  Archimedes' twin circles, 735
  Archimedes' use of infinitesimals, 736
  Archimedes' use of mechanics in geometry, 737
  Archimedes' writings, 738
  Archimedean solid, 739
  Archimedean spiral, 740
  Archimedes' axiom, 741
  Archimedes' constant, 742
  Archimedes' cubic, 743
  Archimedes' dodecahedron, 744
  Archimedes' lemma, 745
  Archimedes' principle, 746
  Archimedes' screw, 747
  Archimedes' theorem on the sphere and cylinder, 748
  Archimedes' trisection, 749
  Archimedes' twin circles, 750
  Archimedes' use of infinitesimals, 751
  Archimedes' use of mechanics in geometry, 752
  Archimedes' writings, 753
  Archimedean solid, 754
  Archimedean spiral, 755
  Archimedes' axiom, 756
  Archimedes' constant, 757
  Archimedes' cubic, 758
  Archimedes' dodecahedron, 759
  Archimedes' lemma, 760
  Archimedes' principle, 761
  Archimedes' screw, 762
  Archimedes' theorem on the sphere and cylinder, 763
  Archimedes' trisection, 764
  Archimedes' twin circles, 765
  Archimedes' use of infinitesimals, 766
  Archimedes' use of mechanics in geometry, 767
  Archimedes' writings, 768
  Archimedean solid, 769
  Archimedean spiral, 770
  Archimedes' axiom, 771
  Archimedes' constant, 772
  Archimedes' cubic, 773
  Archimedes' dodecahedron, 774
  Archimedes' lemma, 775
  Archimedes' principle, 776
  Archimedes' screw, 777
  Archimedes' theorem on the sphere and cylinder, 778
  Archimedes' trisection, 779
  Archimedes' twin circles, 780
  Archimedes' use of infinitesimals, 781
  Archimedes' use of mechanics in geometry, 782
  Archimedes' writings, 783
  Archimedean solid, 784
  Archimedean spiral, 785
  Archimedes' axiom, 786
  Archimedes' constant, 787
  Archimedes' cubic, 788
  Archimedes' dodecahedron, 789
  Archimedes' lemma, 790
  Archimedes' principle, 791
  Archimedes' screw, 792
  Archimedes' theorem on the sphere and cylinder, 793
  Archimedes' trisection, 794
  Archimedes' twin circles, 795
  Archimedes' use of infinitesimals, 796
  Archimedes' use of mechanics in geometry, 797
  Archimedes' writings, 798
  Archimedean solid, 799
  Archimedean spiral, 800
  Archimedes' axiom, 801
  Archimedes' constant, 802
  Archimedes' cubic, 803
  Archimedes' dodecahedron, 804
  Archimedes' lemma, 805
  Archimedes' principle, 806
  Archimedes' screw, 807
  Archimedes' theorem on the sphere and cylinder, 808
  Archimedes' trisection, 809
  Archimedes' twin circles, 810
  Archimedes' use of infinitesimals, 811
  Archimedes' use of mechanics in geometry, 812
  Archimedes' writings, 813
  Archimedean solid, 814
  Archimedean spiral, 815
  Archimedes' axiom, 816
  Archimedes' constant, 817
  Archimedes' cubic, 818
  Archimedes' dodecahedron, 819
  Archimedes' lemma, 820
  Archimedes' principle, 821
  Archimedes' screw, 822
  Archimedes' theorem on the sphere and cylinder, 823
  Archimedes' trisection, 824
  Archimedes' twin circles, 825
  Archimedes' use of infinitesimals, 826
  Archimedes' use of mechanics in geometry, 827
  Archimedes' writings, 828
  Archimedean solid, 829
  Archimedean spiral, 830
  Archimedes' axiom, 831
  Archimedes' constant, 832
  Archimedes' cubic, 833
  Archimedes' dodecahedron, 834
  Archimedes' lemma, 835
  Archimedes' principle, 836
  Archimedes' screw, 837
  Archimedes' theorem on the sphere and cylinder, 838
  Archimedes' trisection, 839
  Archimedes' twin circles, 840
  Archimedes' use of infinitesimals, 841
  Archimedes' use of mechanics in geometry, 842
  Archimedes' writings, 843
  Archimedean solid, 844
  Archimedean spiral, 845
  Archimedes' axiom, 846
  Archimedes' constant, 847
  Archimedes' cubic, 848
  Archimedes' dodecahedron, 849
  Archimedes' lemma, 850
  Archimedes' principle, 851
  Archimedes' screw, 852
  Archimedes' theorem on the sphere and cylinder, 853
  Archimedes' trisection, 854
  Archimedes' twin circles, 855
  Archimedes' use of infinitesimals, 856
  Archimedes' use of mechanics in geometry, 857
  Archimedes' writings, 858
  Archimedean solid, 859
  Archimedean spiral, 860
  Archimedes' axiom, 861
  Archimedes' constant, 862
  Archimedes' cubic, 863
  Archimedes' dodecahedron, 864
  Archimedes' lemma, 865
  Archimedes' principle, 866
  Archimedes' screw, 867
  Archimedes' theorem on the sphere and cylinder, 868
  Archimedes' trisection, 869
  Archimedes' twin circles, 870
  Archimedes' use of infinitesimals, 871
  Archimedes' use of mechanics in geometry, 872
  Archimedes' writings, 873
  Archimedean solid, 874
  Archimedean spiral, 875
  Archimedes' axiom, 876
  Archimedes' constant, 877
  Archimedes' cubic, 878
  Archimedes' dodecahedron, 879
  Archimedes' lemma, 880
  Archimedes' principle, 881
  Archimedes' screw, 882
  Archimedes' theorem on the sphere and cylinder, 883
  Archimedes' trisection, 884
  Archimedes' twin circles, 885
  Archimedes' use of infinitesimals, 886
  Archimedes' use of mechanics in geometry, 887
  Archimedes' writings, 888
  Archimedean solid, 889
  Archimedean spiral, 890
  Archimedes' axiom, 891
  Archimedes' constant, 892
  Archimedes' cubic, 893
  Archimedes' dodecahedron, 894
  Archimedes' lemma, 895
  Archimedes' principle, 896
  Archimedes' screw, 897
  Archimedes' theorem on the sphere and cylinder, 898
  Archimedes' trisection, 899
  Archimedes' twin circles, 900
  Archimedes' use of infinitesimals, 901
  Archimedes' use of mechanics in geometry, 902
  Archimedes' writings, 903
  Archimedean solid, 904
  Archimedean spiral, 905
  Archimedes' axiom, 906
  Archimedes' constant, 907
  Archimedes' cubic, 908
  Archimedes' dodecahedron, 909
  Archimedes' lemma, 910
  Archimedes' principle, 911
  Archimedes' screw, 912
  Archimedes' theorem on the sphere and cylinder, 913
  Archimedes' trisection, 914
  Archimedes' twin circles, 915
  Archimedes' use of infinitesimals, 916
  Archimedes' use of mechanics in geometry, 917
  Archimedes' writings, 918
  Archimedean solid, 919
  Archimedean spiral, 920
  Archimedes' axiom, 921
  Archimedes' constant, 922
  Archimedes' cubic, 923
  Archimedes' dodecahedron, 924
  Archimedes' lemma, 925
  Archimedes' principle, 926
  Archimedes' screw, 927
  Archimedes' theorem on the sphere and cylinder, 928
  Archimedes' trisection, 929
  Archimedes' twin circles, 930
  Archimedes' use of infinitesimals, 931
  Archimedes' use of mechanics in geometry, 932
  Archimedes' writings, 933
  Archimedean solid, 934
  Archimedean spiral, 935
  Archimedes' axiom, 936
  Archimedes' constant, 937
  Archimedes' cubic, 938
  Archimedes' dodecahedron, 939
  Archimedes' lemma, 940
  Archimedes' principle, 941
  Archimedes' screw, 942
  Archimedes' theorem on the sphere and cylinder, 943
  Archimedes' trisection, 944
  Archimedes' twin circles, 945
  Archimedes' use of infinitesimals, 946
  Archimedes' use of mechanics in geometry, 947
  Archimedes' writings, 948
  Archimedean solid, 949
  Archimedean spiral, 950
  Archimedes' axiom, 951
  Archimedes' constant, 952
  Archimedes' cubic, 953
  Archimedes' dodecahedron, 954
  Archimedes' lemma, 955
  Archimedes' principle, 956
  Archimedes' screw, 957
  Archimedes' theorem on the sphere and cylinder, 958
  Archimedes' trisection, 959
  Archimedes' twin circles, 960
  Archimedes' use of infinitesimals, 961
  Archimedes' use of mechanics in geometry, 962
  Archimedes' writings, 963
  Archimedean solid, 964
  Archimedean spiral, 965
  Archimedes' axiom, 966
  Archimedes' constant, 967
  Archimedes' cubic, 968
  Archimedes' dodecahedron, 969
  Archimedes' lemma, 970
  Archimedes' principle, 971
  Archimedes' screw, 972
  Archimedes' theorem on the sphere and cylinder, 973
  Archimedes' trisection, 974
  Archimedes' twin circles, 975
  Archimedes' use of infinitesimals, 976
  Archimedes' use of mechanics in geometry, 977
  Archimedes' writings, 978
  Archimedean solid, 979
  Archimedean spiral, 980
  Archimedes' axiom, 981
  Archimedes' constant, 982
  Archimedes' cubic, 983
  Archimedes' dodecahedron, 984
  Archimedes' lemma, 985
  Archimedes' principle, 986
  Archimedes' screw, 987
  Archimedes' theorem on the sphere and cylinder, 988
  Archimedes' trisection, 989
  Archimedes' twin circles, 990
  Archimedes' use of infinitesimals, 991
  Archimedes' use of mechanics in geometry, 992
  Archimedes' writings, 993
  Archimedean solid, 994
  Archimedean spiral, 995
  Archimedes' axiom, 996
  Archimedes' constant, 997
  Archimedes' cubic, 998
  Archimedes' dodecahedron, 999
  Archimedes' lemma, 1000
  Archimedes' principle, 1001
  Archimedes' screw, 1002
  Archimedes' theorem on the sphere and cylinder, 1003
  Archimedes' trisection, 1004
  Archimedes' twin circles, 1005
  Archimedes' use of infinitesimals, 1006
  Archimedes' use of mechanics in geometry, 1007
  Archimedes' writings, 1008
  Archimedean solid, 1009
  Archimedean spiral, 1010
  Archimedes' axiom, 1011
  Archimedes' constant, 1012
  Archimedes' cubic, 1013
  Archimedes' dodecahedron, 1014
  Archimedes' lemma, 1015
  Archimedes' principle, 1016
  Archimedes' screw, 1017
  Archimedes' theorem on the sphere and cylinder, 1018
  Archimedes' trisection, 1019
  Archimedes' twin circles, 1020
  Archimedes' use of infinitesimals, 1021
  Archimedes' use of mechanics in geometry, 1022
  Archimedes' writings, 1023
  Archimedean solid, 1024
  Archimedean spiral, 1025
  Archimedes' axiom, 1026
  Archimedes' constant, 1027
  Archimedes' cubic, 1028
  Archimedes' dodecahedron, 1029
  Archimedes' lemma, 1030
  Archimedes' principle, 1031
  Archimedes' screw, 1032
  Archimedes' theorem on the sphere and cylinder, 1033
  Archimedes' trisection, 1034
  Archimedes' twin circles, 1035
  Archimedes' use of infinitesimals, 1036
  Archimedes' use of mechanics in geometry, 1037
  Archimedes' writings, 1038
  Archimedean solid, 1039
  Archimedean spiral, 1040
  Archimedes' axiom, 1041
  Archimedes' constant, 1042
  Archimedes' cubic, 1043
  Archimedes' dodecahedron, 1044
  Archimedes' lemma, 1045
  Archimedes' principle, 1046
  Archimedes' screw, 1047
  Archimedes' theorem on the sphere and cylinder, 1048
  Archimedes' trisection, 1049
  Archimedes' twin circles, 1050
  Archimedes' use of infinitesimals, 1051
  Archimedes' use of mechanics in geometry, 1052
  Archimedes' writings, 1053
  Archimedean solid, 1054
  Archimedean spiral, 1055
  Archimedes' axiom, 1056
  Archimedes' constant, 1057
  Archimedes' cubic, 1058
  Archimedes' dodecahedron, 1059
  Archimedes' lemma, 1060
  Archimedes' principle, 1061
  Archimedes' screw, 1062
  Archimedes' theorem on the sphere and cylinder, 1063
  Archimedes' trisection, 1064
  Archimedes' twin circles, 1065
  Archimedes' use of infinitesimals, 1066
  Archimedes' use of mechanics in geometry, 1067
  Archimedes' writings, 1068
  Archimedean solid, 1069
  Archimedean spiral, 1070
  Archimedes' axiom, 1071
  Archimedes' constant, 1072
  Archimedes' cubic, 1073
  Archimedes' dodecahedron, 1074
  Archimedes' lemma, 1075
  Archimedes' principle, 1076
  Archimedes' screw, 1077
  Archimedes' theorem on the sphere and cylinder, 1078
  Archimedes' trisection, 1079
  Archimedes' twin circles, 1080
  Archimedes' use of infinitesimals, 1081
  Archimedes' use of mechanics in geometry, 1082
  Archimedes' writings, 1083
  Archimedean solid, 1084
  Archimedean spiral, 1085
  Archimedes' axiom, 1086
  Archimedes' constant, 1087
  Archimedes' cubic, 1088
  Archimedes' dodecahedron, 1089
  Archimedes' lemma, 1090
  Archimedes' principle, 1091
  Archimedes' screw, 1092
  Archimedes' theorem on the sphere and cylinder, 1093
  Archimedes' trisection, 1094
  Archimedes' twin circles, 1095
  Archimedes' use of infinitesimals, 1096
  Archimedes' use of mechanics in geometry, 1097
  Archimedes' writings, 1098
  Archimedean solid, 1099
  Archimedean spiral, 1100
  Archimedes' axiom, 1101
  Archimedes' constant, 1102
  Archimedes' cubic, 1103
  Archimedes' dodecahedron, 1104
  Archimedes' lemma, 1105
  Archimedes' principle, 1106
  Archimedes' screw, 1107
  Archimedes' theorem on the sphere and cylinder, 1108
  Archimedes' trisection, 1109
  Archimedes' twin circles, 1110
  Archimedes' use of infinitesimals, 1111
  Archimedes' use of mechanics in geometry, 1112
  Archimedes' writings, 1113
  Archimedean solid, 1114
  Archimedean spiral, 1115
  Archimedes' axiom, 1116
  Archimedes' constant, 1117
  Archimedes' cubic, 1118
  Archimedes' dodecahedron, 1119
  Archimedes' lemma, 1120
  Archimedes' principle, 1121
  Archimedes' screw, 1122
  Archimedes' theorem on the sphere and cylinder, 1123
  Archimedes' trisection, 1124
  Archimedes' twin circles, 1125
  Archimedes' use of infinitesimals, 1126
  Archimedes' use of mechanics in geometry, 1127
  Archimedes' writings, 1128
  Archimedean solid, 1129
  Archimedean spiral, 1130
  Archimedes' axiom, 1131
  Archimedes' constant, 1132
  Archimedes' cubic, 1133
  Archimedes' dodecahedron, 1134
  Archimedes' lemma, 1135
  Archimedes' principle, 1136
  Archimedes' screw, 1137
  Archimedes' theorem on the sphere and cylinder, 1138
  Archimedes' trisection, 1139
  Archimedes' twin circles, 1140
  Archimedes' use of infinitesimals, 1141
  Archimedes' use of mechanics in geometry, 1142
  Archimedes' writings, 1143
  Archimedean solid, 1144
  Archimedean spiral, 1145
  Archimedes' axiom, 1146
  Archimedes' constant, 1147
  Archimedes' cubic, 1148
  Archimedes' dodecahedron, 1149
  Archimedes' lemma, 1150
  Archimedes' principle, 1151
  Archimedes' screw, 1152
  Archimedes' theorem on the sphere and cylinder, 1153
  Archimedes' trisection, 1154
  Archimedes' twin circles, 1155
  Archimedes' use of infinitesimals, 1156
  Archimedes' use of mechanics in geometry, 1157
  Archimedes' writings, 1158
  Archimedean solid, 1159
  Archimedean spiral, 1160
  Archimedes' axiom, 1161
  Archimedes' constant, 1162
  Archimedes' cubic, 1163
  Archimedes' dodecahedron, 1164
  Archimedes' lemma, 1165
  Archimedes' principle, 1166
  Archimedes' screw, 1167
  Archimedes' theorem on the sphere and cylinder, 1168
  Archimedes' trisection, 1169
  Archimedes' twin circles, 1170
  Archimedes' use of infinitesimals, 1171
  Archimedes' use of mechanics in geometry, 1172
  Archimedes' writings, 1173
  Archimedean solid, 1174
  Archimedean spiral, 1175
  Archimedes' axiom, 1176
  Archimedes' constant, 1177
  Archimedes' cubic, 1178
  Archimedes' dodecahedron, 1179
  Archimedes' lemma, 1180
  Archimedes' principle, 1181
  Archimedes' screw, 1182
  Archimedes' theorem on the sphere and cylinder, 1183
  Archimedes' trisection, 1184
  Archimedes' twin circles, 1185
  Archimedes' use of infinitesimals, 1186
  Archimedes' use of mechanics in geometry, 1187
  Archimedes' writings, 1188
  Archimedean solid, 1189
  Archimedean spiral, 1190
  Archimedes' axiom, 1191
  Archimedes' constant, 1192
  Archimedes' cubic, 1193
  Archimedes' dodecahedron, 1194
  Archimedes' lemma, 1195
  Archimedes' principle, 1196
  Archimedes' screw, 1197
  Archimedes' theorem on the sphere and cylinder, 1198
  Archimedes' trisection, 1199
  Archimedes' twin circles, 1200
  Archimedes' use of infinitesimals, 1201
  Archimedes' use of mechanics in geometry, 1202
  Archimedes' writings, 1203
  Archimedean solid, 1204
  Archimedean spiral, 1205
  Archimedes' axiom, 1206
  Archimedes' constant, 1207
  Archimedes' cubic, 1208
  Archimedes' dodecahedron, 1209
  Archimedes' lemma, 1210
  Archimedes' principle, 1211
  Archimedes' screw, 1212
  Archimedes' theorem on the sphere and cylinder, 1213
  Archimedes' trisection, 1214
  Archimedes' twin circles, 1215
  Archimedes' use of infinitesimals, 1216
  Archimedes' use of mechanics in geometry, 1217
  Archimedes' writings, 1218
  Archimedean solid, 1219
  Archimedean spiral, 1220
  Archimedes' axiom, 1221
  Archimedes' constant, 1222
  Archimedes' cubic, 1223
  Archimedes' dodecahedron, 1224
  Archimedes' lemma, 1225
  Archimedes' principle, 1226
  Archimedes' screw, 1227
  Archimedes' theorem on the sphere and cylinder, 1228
  Archimedes' trisection, 1229
  Archimedes' twin circles, 1230
  Archimedes' use of infinitesimals, 1231
  Archimedes' use of mechanics in geometry, 1232
  Archimedes' writings, 1233
  Archimedean solid, 1234
  Archimedean spiral, 1235
  Archimedes' axiom, 1236
  Archimedes' constant, 1237
  Archimedes' cubic, 1238
  Archimedes' dodecahedron, 1239
  Archimedes' lemma, 1240
  Archimedes' principle, 1241
  Archimedes' screw, 1242
  Archimedes' theorem on the sphere and cylinder, 1243
  Archimedes' trisection, 1244
  Archimedes' twin circles, 1245
  Archimedes' use of infinitesimals, 1246
  Archimedes' use of mechanics in geometry, 1247
  Archimedes' writings, 1248
  Archimedean solid, 1249
  Archimedean spiral, 1250
  Archimedes' axiom, 1251
  Archimedes' constant, 1252
  Archimedes' cubic, 1253
  Archimedes' dodecahedron, 1254
  Archimedes' lemma, 1255
  Archimedes' principle, 1256
  Archimedes' screw, 1257
  Archimedes' theorem on the sphere and cylinder, 1258
  Archimedes' trisection, 1259
  Archimedes' twin circles, 1260
  Archimedes' use of infinitesimals, 1261
  Archimedes' use of mechanics in geometry, 1262
  Archimedes' writings, 1263
  Archimedean solid, 1264
  Archimedean spiral, 1265
  Archimedes' axiom, 1266
  Archimedes' constant, 1267
  Archimedes' cubic, 1268
  Archimedes' dodecahedron, 1269
  Archimedes' lemma

Genetic transformation *cont.*
Lotus corniculatus cont.
nutrients 9357
opines 11511
proteins 12186
zein 12186
Lycopersicon, tobacco mosaic tobamovirus 622
Lycopersicon esculentum 7308, 12595
ACC oxidase 5080
cucumber mosaic cucumovirus 1644
development 594, 7314
ethylene 5080, 9007
β-fructofuranosidase 3864, 6138
fruits 7314
injuries 3885
phytochrome 596
pollen 594
prosystemin 3885
Pseudomonas syringae 11645
ribulose-bisphosphate carboxylase 12598
ripening 6138, 9007
tobacco mosaic tobamovirus 2853, 11139, 11648
Lycopersicon peruvianum 2493, 11596
Malus pumila 10651
Agrobacterium tumefaciens 3925
diseases 8471
Erwinia amylovora 8471
Manihot esculenta 3810, 8398, 10552, 12560
Medicago sativa 10369, 11495
chitinase 424
drought resistance 3680
β-glucanase 424
glutamate-ammonia ligase 11524
lectins 12436
proteins 12186
superoxide dismutase 3680
zein 12186
Medicago truncatula
glufosinate 5973
herbicides 5973
medicinal plants, reviews 9870
Mentha piperita 6545
Moricandia arvensis 822
Musa
diseases 10725
pests 10725
Nematoda 12103
Nicotiana, β-glucanase 905
Nicotiana benthamiana
abscisic acid 11888
artichoke mottled crinkle tombusvirus 12592
beet curly top geminivirus 10866
beet curly top hybrigeminivirus 9758
beet necrotic yellow vein furovirus 4132, 9754
cassava African mosaic bigeminivirus 919, 8704
cowpea chlorotic mottle bromovirus 12824
nutrients 11888
peroxidases 6797
plum pox potyvirus 922, 925
potassium 11888
tomato yellow leaf curl bigeminivirus 6338
vanilla necrosis potyvirus 9755
Nicotiana edwardsonii, figwort mosaic caulimovirus 8685
Nicotiana plumbaginifolia 7563, 9719, 12811
aequorin 903
Agrobacterium tumefaciens 8688
Nicotiana sylvestris
β-glucanase 927
peroxidases 8697
roots 8697
Nicotiana tabacum 906, 931, 1849-1850, 1853, 2077, 2086, 2493, 4385, 4397, 5235-5236, 5704, 6317, 6620, 7498, 7563, 7566, 8692, 9720-9721, 9949, 9955, 10296, 11877, 11881, 12806, 12810
abscisic acid 11889
ACC oxidase 5013
adenosinetriphosphatase 2839

Genetic transformation *cont.*
Nicotiana tabacum cont.
Agrobacterium rhizogenes 900, 5239, 8691, 9716-9717
Agrobacterium tumefaciens 1176, 8688, 11152
albumins 6240
alfalfa mosaic alfamovirus 9757
5-aminolevulinate synthase 11887
α-amylase 10107
anthocyanins 11338
anthranilate synthase 4112
arginine decarboxylase 6801
ascorbate peroxidase 10864
aspartate kinase 9015
auxins 1856, 10858
beet necrotic yellow vein furovirus 9754
binding proteins 3454, 4121, 7136
biolistics 6624
biotin carboxylase 12817
calmodulin 7568
catalase 9714
cecropin 11893
chitinase 7584
chlorophyll 9736
chlorophyll *a/b* binding protein 5243
chymotrypsin inhibitors 10522
cinnamyl-alcohol dehydrogenase 5242, 9734, 11876
citrate synthase 9641
cold resistance 2850
conglutin 12448
4-coumarate-CoA ligase 12815, 7579
cucumber mosaic cucumovirus 23, 923-924, 928, 4130
cyclins 9875
cycloheximide 11879
cysteine synthase 2837, 3846
cytochromes 9729
cytokinin oxidase 6327, 9731
cytokinins 2846, 4122, 10858-10859, 12819
cytoplasmic male sterility 1798, 2839
cytosine deaminase 10851
dehydrins 3857, 4426
desiccation 4124
development 1072, 11340
DNA binding proteins 5710, 11340
drought resistance 9749, 10863
elongation factors 7813
endonuclease 945
Erwinia carotovora 5250
Erysiphe cichoracearum 11894
extensin 838
farnesyl-diphosphate synthase 8686
flowering 1072, 2844, 6329
fluorescence 7567
fructans 10860-10861
β-fructofuranosidase 1865
fungi 7584
Fusarium sporotrichioides 4127
germin 6706
globulins 6910, 12448
β-glucanase 904, 927, 12126
β-glucuronidase 8699
glutamate-ammonia ligase 2335, 2446, 11524
glutamate 1-semialdehyde aminotransferase 9737
glutathione reductase 4871
glutelins 2317
glycoproteins 1776
growth regulators 4122, 6325, 10859, 11143, 11889
gynoecium 2840
haemoglobin 6343, 7562
heat shock 2210
heat shock proteins 3754, 9252
Helicoverpa armigera 929
histones 7920
homoserine dehydrogenase 9015
IAA 6325
injuries 4121
isopentenyltransferase 1857, 2846, 5247, 7463, 9718, 10859
lectins 3750
leghaemoglobin 445
legumin 8293
lignin 5242, 9734, 12815
linoleoyl-CoA desaturase 9876

Genetic transformation *cont.*
Nicotiana tabacum cont.
lipid transfer proteins 4111
lipoxygenase 8434
luciferase 11164
lysozyme 11894
male sterility 12814
mannitol 9750, 10863
methyltransferases 2836
monoclonal antibodies 7582
napin 4124, 5172
naringenin-chalcone synthase 9430, 11554
nitrate reductase 9730
nitrite reductase 9730, 10584
nopaline synthase 901
opines 11891
osmotin 2835
oxidation 9750
oxidoreductases 9728
ozone 10864
pathogenesis-related proteins 397, 1865, 5250, 9753
phaseolin 3727
phenylalanine ammonia-lyase 9732
phosphoenolpyruvate carboxylase 11016
phosphoribulokinase 6326
photosynthesis 2550-2551, 5244, 9729, 9735, 9737
phytochrome 2842, 7580
pollen 7831
polyamines 2844, 12814
polymers 7558
potato X potexvirus 2855, 9753, 11898, 12822
potato Y potyvirus 1865, 4130, 12825-12826
proteins 1490, 12186
Pseudomonas syringae 11893-11894
recombination 7560
respiration 9728
ribulose-bisphosphate carboxylase 6326
ribulose-bisphosphate carboxylase activase 2082
root shoot ratio 11886
salinity 10863
seeds 5172
Spodoptera litura 11899
stearoyl-CoA desaturase 2850
stilbene synthase 10699
stress 838, 9748, 9750
superoxide dismutase 4123, 9748
techniques 1848, 6612, 6624
thioredoxins 3703
tobacco etch potyvirus 12825-12826
tobacco mosaic tobamovirus 920, 2854, 11139, 11886, 12822
tobacco vein mottling potyvirus 12825-12826
tomato mosaic tobamovirus 1864
tomato spotted wilt tospovirus 6339, 7585, 9759, 10865
tomato yellow leaf curl bigeminivirus 921
transcription factors 6702
translocation 11886
transposable elements 5710, 6323
trehalose 4426, 9079
trehalose-phosphate synthase 9749
trichodiene synthase 4127
trihydroxystilbene synthase 7575
trypsin inhibitors 11899
ultraviolet radiation 945
uroporphyrinogen decarboxylase 9736
vaccines 2490
vicilin 4124
viruses 4128, 6342, 8706
zeatin *O*-xylosyltransferase 12485
zein 5757, 12186
Nierembergia scoparia 9828
nitrate reductase 5531
nitrite reductase 5531
Oenothera biennis 5399
Olea europaea 12756
ornamental plants, reviews 2991
Orychophragmus violaceus 866
Oryza sativa 337, 350, 1400, 2319, 2321, 5878, 5884, 5886, 7010, 7016, 8142, 8164, 11407

Genetic transformation *cont.*
Oryza sativa cont.
abscisic acid 3579
Agrobacterium tumefaciens 4676, 8133
allergens 352
Bacillus thuringiensis 8182
drought resistance 11307
glufosinate 3636, 9315
growth regulators 3579
herbicides 3636, 4676, 9315, 10294
histones 10042
leaves 5885
Magnaporthe grisea 11443
phosphinothricin acetyltransferase 10294
photosynthesis 11418
phytoene synthase 9305
ribulose-bisphosphate carboxylase 11418
rice dwarf phytoreovirus 7062
Scirpophaga incertulas 11445
Sitophilus granarius 8182
stilbene synthase 11443
transposable elements 910
Papaver somniferum 9874
Parthenium argentatum 5275
Pelargonium 6429, 9810
Pelargonium domesticum 3023
pests 6607, 12103
Petunia 1965
anthocyanins 6487
Petunia hybrida 9846-9847
Agrobacterium tumefaciens 5413
ethylene 9007
flowers 1079
naringenin-chalcone synthase 1079, 5413
senescence 9007, 9848
Petunia inflata
ribonucleases 7687
self incompatibility 7687
pharmaceutical products 6614, 9952, 11144
Phaseolus 12453
Phaseolus acutifolius, arcelin 4852
Phaseolus vulgaris 10451-10452, 11552
Agrobacterium tumefaciens 3726
canavalin 7124
Phleum pratense 6676
phytochrome 2116
Picea glauca 10968
β-glucuronidase 12851
Picea mariana 7646, 12890
Picea sitchensis 8799
Pinus halepensis 12853
Agrobacterium rhizogenes 6396
Pinus nigra 12893
Pinus pinea 12893
Pinus radiata 12893
Pinus sylvestris, growth regulators 11143
Pisum sativum
ATP citrate lyase 11563
protoplasts 11563
techniques 10464
polyamines 12104
Populus 9949
Agrobacterium rhizogenes 4169, 12868
amino acids 12873
cell division 9791
flavonoids 12877
β-glucuronidase 12851
glutamate-cysteine ligase 12873
growth regulators 11143
insects 10924
Lymantria dispar 11940
naringenin-chalcone synthase 12877
proteinase inhibitors 11940
Populus alba
S-adenosylmethionine synthetase 6374
cinnamyl-alcohol dehydrogenase 12875
lignin 12875
Populus canadensis, Agrobacterium tumefaciens 10914
Populus canescens
cinnamyl-alcohol dehydrogenase 9785, 9789, 10918
glutamate-cysteine ligase 6377

Genetic transformation *cont.*
Populus canescens cont.
lignin 9789
Populus deltoides, Agrobacterium tumefaciens 10914
Populus kitakamiensis 10915
Populus nigra, Bacillus thuringiensis 969
Populus tremula 9786, 9788, 10913, 12853, 12871
S-adenosylmethionine synthetase 6374
Agrobacterium rhizogenes 9787
Chrysomela tremulae 12880
cinnamyl-alcohol dehydrogenase 10918, 12875
lignin 12875
morphology 11935
mycorrhizas 11934
Populus tremuloides 9788, 10913, 12871
Agrobacterium rhizogenes 9787
Chrysomela tremulae 12880
morphology 11935
mycorrhizas 11934
Prunus, plum pox potyvirus 922
Prunus armeniaca, plum pox potyvirus 671
Prunus domestica, plum pox potyvirus 671, 744
Pyrus communis 7364
Quercus robur 12867
reviews 3172, 3187, 7797, 9951, 11157
Rhododendron 6431, 7658
Rhododendron yakushimanum 6430
roots 5522
Rosa 2063, 12955
naringenin-chalcone synthase 12953
Rosa hybrida 6456
cecropin 1050
quality 1050
Saccharum
bilanafos 2800
herbicides 2800
Saccharum officinarum 1832, 10826
Antitrogus consanguineus 8670
Bacillus thuringiensis 12790
bilanafos 11849
Diatraea saccharalis 12790
β-fructofuranosidase 8647
herbicides 11849
Lepidiota negatoria 8670
Lepidiota noxia 8670
pathogens 11849
proteinase inhibitors 8670
ribulose-biphosphate carboxylase 8640
ribulose-bisphosphate carboxylase 8645
sucrose-phosphate synthase 8646
sugarcane Fiji disease fijivirus 8669
sugarcane mosaic potyvirus 8669
Secale cereale 3401
small fruits
diseases 3962
insects 3962
Solanum brevidens, proteinase inhibitors 2488
Solanum melongena
Bacillus thuringiensis 10611, 12616
Leptinotarsa decemlineata 10611, 12616
Solanum sisymbriifolium 8370
Solanum tuberosum 1565, 1568, 3789, 4904, 8366, 10529, 10537, 11596
amino acids 4902
amylose 1575
Aulacorthum solani 5429
β-casein 11595
cold 9508
cytokinins 8379
diseases 9509
Erwinia carotovora 10541
fructans 539, 10860, 11601
β-fructofuranosidase 9503
glucose-1-phosphate adenylyltransferase 3786, 3788, 3799
glycoalkaloids 11604
growth regulators 8379
isopentenyltransferase 8378, 9718
Lacanobia oleracea 6096
lectins 5429
NADH dehydrogenase 11599

Genetic transformation *cont.*
Solanum tuberosum cont.
pectate lyase 10541
phosphoenolpyruvate carboxylase 3793
phosphoenolpyruvate synthetase 12543
phosphofructokinase 7225
Phthorimaea operculella 7236
potato leaf roll luteovirus 3804, 7230, 7234-7235, 10546
potato spindle tuber viroid 10544
potato Y potyvirus 4924, 7233
protein kinase 9078
ribozymes 10544
somatotropin 4903
starch 539
starch synthase 3799
storage 9508
stress 9503
trehalose 9079
vaccines 2490
Sorghum bicolor 6957, 6960
Spinacia oleracea 492
techniques 4385, 5530, 7800, 9949, 9955, 11881, 12109
books 12070
translocation 1252
Trifolium pratense, peanut stunt cucumovirus 10384
Trifolium repens 1459
auxins 432
Trifolium subterraneum, naringenin-chalcone synthase 8233
triticale 6832, 10025
Triticum aestivum 120, 3306, 5611, 9108, 10025, 10041, 12217
actin 11238
glutenins 147-148
male sterility 12227
quality 11265
techniques 6700
transposable elements 4472
yield components 5631
Triticum aethiopicum, actin 11238
Triticum durum
actin 11238
Erysiphe graminis 12202
Puccinia 12202
Triticum monococcum, transposable elements 4472
Ulmus procera 12883
vaccines 29
Vaccinium angustifolium 7393
Vaccinium corymbosum 7393
Vaccinium macrocarpon, β-glucuronidase 9605
Vicia faba, legumin 8293
Vicia narbonensis
hygromycin phosphotransferase 9352
nopaline synthase 9352
Vigna 12453
Vigna radiata 12528
Vigna unguiculata 513
cowpea chlorotic mottle bromovirus 12824
viruses 3165, 8979, 11154, 12100, 12102
Vitis, grapevine chrome mosaic nepovirus 12677
Vitis rupestris 12671
Vitis vinifera
ACC oxidase 7397
ethylene 7397
growth regulators 7397
Zea mays 240, 247, 2077, 2253, 3448, 4385, 5708, 5711, 5714, 5718, 9192, 9195-9196
Agrobacterium tumefaciens 1176
α-amylase 10107
avidin 12310
Bacillus thuringiensis 9257, 11369
Diatraea grandiosella 11369
endosperm 253, 6915
glufosinate 10145
glycoproteins 11335
insects 9257
lysine 253
Ostrinia nubilalis, Bacillus thuringiensis 24
pesticides, *Bacillus thuringiensis* 24
reviews 9191

Genetic transformation *cont.*
Zea mays cont.
Spodoptera frugiperda 11369
zein 2256
Genetic variance
Abelmoschus esculentus, yield components 6169
Brassica campestris, toria, quality 7479
Brassica juncea
Albugo candida 8583
oils 10771
phenolic compounds 8583
yield components 9672
Brassica napus
rape
fatty acids 1787
yield components 9671
Brassica pekinensis, yield components 2543
Cajanus cajan
Phytophthora drechsleri 9484
yield components 9477, 10496, 10498
Capsicum annuum
Phytophthora capsici 2610
yield components 9575
Cicer arietinum, yield components 3769, 6069, 7190
Cucumis melo, Pseudoperonospora cubensis 643
Cucumis sativus, yield components 12637
Diospyros kaki
fruits 6228
quality 6228
Elaeis guineensis, yield components 10801
Eleusine coracana, yield components 8126
Glycine gracilis, yield components 6016
Glycine max
prolificacy 8268
proteins 8282
yield components 4819, 6016, 8274, 9396
Gossypium arboreum, yield components 7601
Gossypium hirsutum
quality 943, 2885
yield components 938-939, 2885, 8729, 8733
Helianthus annuus
Diaporthe helianthi 11821
moisture content 8592
senescence 6255, 8592
Hibiscus sabdariffa, yield components 9776
Hordeum vulgare
chlorophyll 4553
fluorescence 4553
Fusarium 1332
quality 214
yield components 4553, 8030, 12287
Ipomopsis aggregata 12993
Lathyrus sativus
neurotoxins 9359
yield components 9359
Lens culinaris
seeds 2463
yield components 8326
Linum usitatissimum, linseed, yield components 8587
Lycopersicon, salinity 12609
Lycopersicon esculentum
Alternaria alternata 9569
fruits 2581, 9562
quality 2581
storage 9562
tomato yellow leaf curl bigeminivirus 11649
yield components 1658, 8435, 11649
Lycopersicon hirsutum
tomato yellow leaf curl bigeminivirus 11649
yield components 11649
Medicago sativa, roots 4790
Nicotiana tabacum
leaves 12818
quality 9744
yield components 8698, 9744
Oryza sativa
aluminium 10336
Genetic variance *cont.*
Oryza sativa cont.
anther culture 1412
iron 3606
manganese 3606
nutrients 3606
quality 4730
quantitative traits 8159
ratooning 8152
regenerative ability 2348
roots 12379
toxic substances 10336
yield components 371, 4717, 4721, 10322
zinc 3606
Papaver somniferum
Peronospora arborescens 3121
yield components 1990, 5458, 6532
Paspalum scrobiculatum, yield components 3667
Pennisetum glaucum
Puccinia substriata 11399
salinity 3568
yield components 8123, 12344
Pennisetum pedicellatum, yield components 10281
Pennisetum purpureum, yield components 12353
Phaseolus vulgaris 7168
quality 12492
yield components 8306, 8308
Pinus elliottii, quality 5317
Pinus pinaster, Melampsora populnea 10965
Pisum sativum
lodging 495
yield components 9443, 10469
Raphanus sativus, yield components 4943
Saccharum, quantitative traits 7532
Saccharum officinarum, Ustilago scitaminea 9700, 11862
Solanum khasianum, yield components 11062
Solanum melongena, yield components 1673
Sorghum bicolor
lysine 8113
proteins 8113
sugars 8113
yield components 6966, 11379
statistics 1228, 3157-3158, 5574
Tectona grandis, yield components 5301
Triticum aestivum
Cochliobolus sativus 7997
Gibberella zeae 2193
inflorescences 11252
nutrients 2182, 4507
phosphorus 2182, 4507
quality 9138, 9140
roots 10050
yield components 2162, 3334, 3338, 4492, 5638, 7960, 7963, 7965, 7967, 9130, 11257, 12242, 12245-12247, 12274
Triticum durum, yield components 1284-1285
Vicia faba
growth period 2443
proteins 11551
seeds 11551
tannins 11551
Vigna angularis, yield components 10514, 10516
Vigna mungo, yield components 2479
Vigna radiata, yield components 9492
Vigna umbellata, yield components 8361
Vigna unguiculata, yield components 10502, 12524
Zea mays
Cephalosporium maydis 6948
growth period 3439, 3468, 6934
height 3439
maize rough dwarf fijivirus 3524-3525
nutritive value 2274
Peronosclerospora sorghi 1380
prolificacy 12323
proteins 3481
quality 5820
quantitative traits 5760
Genetic variance *cont.*
Zea mays cont.
seeds 3481
yield components 279, 3464, 3476, 3478, 8080, 10256, 11353
yields 3439
Genetic variation 3256, 5580, 7862
Abies, isoenzymes 1021
Abies alba 2984, 6393
isoenzymes 1018, 6408, 11974
Abies cephalonica, isoenzymes 1021
Abies nebrodensis 2984
Acacia kraussiana, isoenzymes 10932
Acacia nilotica, isoenzymes 10932
Agrostis stolonifera, isoenzymes 5964
Allium, isoenzymes 7263
Allium cepa, isoenzymes 2524
Allium wakegi, isoenzymes 2524
Amentotaxus formosana, isoenzymes 1035
Arachis hypogaea, isoenzymes 6272
Arachis pietrarellii, isoenzymes 6272
Arachis villosulicarpa, isoenzymes 6272
Arrhenatherum elatius, isoenzymes 11484
Astragalus cremnophylax, amplified fragment length polymorphism 7116
Blandfordia, isoenzymes 9855
Brassica napus, rape, isoenzymes 11807
Bromus, isoenzymes 10367
Campnosperma brevipetiolata 6383
Castanea sativa, isoenzymes 815, 10760
Chamaecyparis obtusa, isoenzymes 9807
Chimaphila japonica, isoenzymes 6528
Clarkia springvillensis, isoenzymes 3060
Codonopsis lanceolata, isoenzymes 8927
computer programming 12084
conifers 6392
Cucumis melo, isoenzymes 8450
Cucumis sativus, isoenzymes 1707-1708, 8450
Cupressus sempervirens, isoenzymes 11980
Cycas pectinata, isoenzymes 1031
Cymbidium, isoenzymes 9858
Dactylorhiza purpurella, isoenzymes 6507
Deutzia multiradiata, isoenzymes 9814
Epipactis helleborine, isoenzymes 8881
Eulophia sinensis, isoenzymes 9860
Fagus crenata, isoenzymes 7624
Fagus sylvatica 957
isoenzymes 2938, 8784, 10911, 11932
forest trees, isoenzymes 956
Gliricidia sepium, isoenzymes 980
Glycine max 5999
isoenzymes 8289
Glycine soja, isoenzymes 9386
Helianthus annuus, isoenzymes 1808
Hevea brasiliensis, isoenzymes 948, 8769
Hordeum, isoenzymes 5671
Hordeum secalinum, isoenzymes 12286
isoenzymes 12160
Juglans regia, isoenzymes 6235
Lagarostrobos franklinii, isoenzymes 10984
Larix decidua 1022
Larix gmelinii, isoenzymes 6410
Larix sukaczewii 1024
isoenzymes 1023
Lathyrus, isoenzymes 8238
Libocedrus chilensis, isoenzymes 1032
Lilium dauricum 6497
Lobelia urens, isoenzymes 11997
Lolium perenne, isoenzymes 7080
Malus, peroxidases 1722
Malus sieversii, isoenzymes 3927
Nephelium, isoenzymes 4009
Olea europaea, isoenzymes 1819
Oryza glumaepatula, isoenzymes 4684
Parthenium argentatum, isoenzymes 5276
Persoonia mollis, isoenzymes 5348
Picea abies 957, 1011, 6393
isoenzymes 986
Picea engelmannii, isoenzymes 5320
Picea glauca, isoenzymes 5320
Picea glehnii, isoenzymes 1014, 8800
Picea sitchensis 5319
Pinus, isoenzymes 988, 4190

Genetic variation *cont.*
Pinus densiflora, isoenzymes 997
Pinus halepensis, isoenzymes 2967
Pinus koraiensis, isoenzymes 997
Pinus nigra, isoenzymes 1000
Pinus resinosa 989
Pinus sylvestris, isoenzymes 986, 998-999, 4196, 6398
Pinus taeda 2964
Pinus thunbergii, isoenzymes 997, 7642
Poa jemtlandica, isoenzymes 12420
Populus alba 970
Populus canescens 970
Populus nigra, isoenzymes 2944
Populus tremula 970
Porteresia coarctata, genetic markers 11406
Prosopis, isoenzymes 7638
Prunus avium, isoenzymes 10680
Pseudotsuga menziesii 1026
isoenzymes 1028, 11978
phosphogluconate dehydrogenase 11978
Pyrola japonica, isoenzymes 6528
Quercus petraea, isoenzymes 8782, 11927
Quercus robur, isoenzymes 11929
Quercus suber, isoenzymes 5283
reviews 6659
Salix viminalis, isoenzymes 1885
Sarracenia jonesii, isoenzymes 1980
Sarracenia oreophila, isoenzymes 1980
Sorbus aucuparia, isoenzymes 2956
Spiranthes hongkongensis, isoenzymes 9860
Stipa krylovii, isoenzymes 419
Taxus baccata, isoenzymes 11983
Tectona grandis, isoenzymes 2955, 11953
Thymus vulgaris, isoenzymes 7729
Trifolium, isoenzymes 1460
Trifolium repens 1465
triticale, isoenzymes 6867
Triticum, isoenzymes 6727
Triticum dicoccoides, isoenzymes 7885
Ulmus, isoenzymes 5291
Vicia, isoenzymes 8238
Vicia dumetorum 11508, 12445
Vicia pisiformis 11508, 12445
Vigna angularis
isoenzymes 4889
phosphoglucomutase 4889
Vitis, isoenzymes 11755
Zea mays, mathematics 8069
Zeuxine strateumatica, isoenzymes 9860
Genetics 10005
Abies amabilis, germination 1019
Achillea millefolium
essential oils 8912
sesquiterpenes 8912
Actinidia, isoenzymes 7401
Actinidia chinensis, sex linkage 12679
Aegilops, glutenins 7973
Aegilops aucheri
awns 188
glucose-6-phosphate isomerase 188
glumes 188
plant hairs 188
spring and winter habit 188
Aegilops speltoides
awns 188
glucose-6-phosphate isomerase 188
glumes 188
plant hairs 188
spring and winter habit 188
Aegilops tauschii
Puccinia graminis 2200
Puccinia recondita 2200
sprouting 11256
Aegilops umbellulata
Puccinia graminis 2200
Puccinia recondita 2200
Aegilops × *Triticum*
chromosome pairing 3315
Puccinia recondita 5655
quality 5655
sprouting 11256
threshing 4488
yields 5655
Agaricus bisporus
cells 6554

Genetics *cont.*
Agaricus bisporus cont.
polysaccharides 6554
reproduction 8931
spores 8931
Allium, Glomerella cingulata 11631
Allium cepa
colour 8415
cytoplasmic male sterility 7260
Glomerella cingulata 11631
Allium porrum, Phytophthora porri 7269
Amphicarpaea bracteata, Bradyrhizobium 12472
Anemone coronaria
colour 7678
flowers 7678
Antirrhinum, flowers 3227
Arabidopsis thaliana
abscisic acid 73
abscission 12146
Albugo candida 1223
ammonium 9044
cauliflower mosaic caulimovirus 4431
cell division 4401
colour 5555
development 4407, 4412, 12144
reviews 11183
flowering 6652, 9973
flowers 3227, 6650, 10769
glutamate dehydrogenase 3238, 11181
growth regulators 4420
heterosis 65
leaves 10769, 12145
manganese 3241
metals 3241
monosaccharides 12149
nomenclature 12129
nutrients 9044
Peronospora parasitica 1223, 3245
plant embryos 4407, 12131
plant hairs 1212
reviews 11183
pollination 3216
roots 5550-5551, 12144
seeds 5555
senescence 12146
sterility 3216
Xanthomonas campestris 11192
Arachis hypogaea
abnormal development 6276
chlorophyll 1824
dormancy 12769
fruits 7508, 8605, 12768
growth period 10810
habit 8605, 12769
seeds 6275-6276
Aster kantoensis, isoenzymes 3058
Avena byzantina, Puccinia coronata 4578
Avena sativa
Cochliobolus victoriae 12098
flowering 3395
height 3396
naked grain 224
Puccinia coronata 4577-4578, 7882
toxins 12098
Avena sterilis, Puccinia coronata 8055
Azolla, chlorophyll 5482
bacteria, reviews 11138
Beta, Heterodera schachtii 1838-1839
Beta vulgaris
beetroots
gibberellins 10567
growth regulators 10567
height 10567
fodder beet, monogerm seeds 2516
sugarbeet
alcohol dehydrogenase 11864
annual habit 8676
beet necrotic yellow vein furovirus 2820
bolting 8675-8676
incompatibility 11864
monogerm seeds 5225
books 11110, 12063
Brassica
Albugo candida 1223
Peronospora parasitica 1223
Chinese cabbages
Cercosporella albo-maculans 2547
male sterility 2541-2542

Genetics *cont.*
Brassica cont.
Chinese cabbages *cont.*
quality 1629
turnip mosaic potyvirus 2548
Brassica alboglabra
erucic acid 10774
oleic acid 10774
Brassica campestris
cytoplasmic male sterility 7455
light 10770
phytochrome 10770
sarson
colour 7464
erucic acid 10774
fruits 834, 1779
height 7464
oleic acid 10774
seeds 7464
turnip rape
erucic acid 10774
fruits 834
oleic acid 10774
Brassica chinensis
fruits 834
habit 9534
leaves 9534
Brassica juncea
Albugo candida 11813
colour 8574
cytoplasmic male sterility 7455
fatty acids 2745
flowers 8574
seeds 2745
shedding 7459
yields 7459
Brassica napus
height 4048
rape
Albugo candida 1789
cytoplasmic male sterility 7455
erucic acid 7475, 10774
flowers 7462
glucosinolates 7475
Leptosphaeria maculans 1790-1791, 10776
male sterility 11802, 12727
oleic acid 10774
polyploidy 7452
seeds 7461
self incompatibility 831-832, 7475
waxes 6247
Xanthomonas campestris 7292
Brassica oleracea
Plasmodiophora brassicae 6122-6123
broccoli, male sterility 7282
cabbages, *Brevicoryne brassicae* 7295
cauliflowers, growth period 3837
Brassica pekinensis
cytoplasmic male sterility 2540
flowers 2540
male sterility 1615-1616, 7284
turnip mosaic potyvirus 582
Cajanus cajan
determinate and indeterminate habit 12519
Fusarium udum 7198, 8344
growth period 9475
Helicoverpa armigera 12523
male sterility 11572
Melanagromyza obtusa 12523
Phytophthora drechsleri 10499
Cajanus scarabaeoides
Helicoverpa armigera 12523
Melanagromyza obtusa 12523
Camellia sinensis
photosynthesis 1844
proteins 1844
Capsicum annuum
ascorbic acid 3895
carotenoids 3895
fruits 1680
Leveillula taurica 9575
Meloidogyne incognita 1645, 3896
pepper veinal mottle potyvirus 1687
potato Y potyvirus 2612
tobacco mosaic tobamovirus 628
Capsicum chinense, tomato spotted wilt tospovirus 8448
Carthamus tinctorius, male sterility 8598
cell division 12167

Genetics *cont.*
cell division *cont.*
reviews 5584
Centaurea montana, flavonoids 3059
Centaurea scabiosa, superoxide dismutase 11023
cereals
Erysiphe graminis 7881
Magnaporthe grisea 7791
chitinase 6609
Cicer arietinum
Botrytis cinerea 2469
habit 1535
Cicer reticulatum, habit 1535
Citrullus lanatus
Colletotrichum orbiculare 1699
polypeptides 1698
seeds 1697, 2626
Citrus
fruits 8522
plant composition 2718
quality 8522
Citrus aurantium, Deuterophoma tracheiphila 10744
Citrus reticulata, habit 10743
Citrus sinensis, habit 10743
Collinsia heterophylla, variegation 3062
Colocasia esculenta, Phytophthora colocasiae 12573
computer programming 9056
conferences 3139, 6562
Corchorus capsularis, anthocyanidins 4152
Corchorus olitorius
flowers 7609
leaves 7609
Corylus avellana, self incompatibility 7431
Cosmos bipinnatus
colour 1065
flowers 1065
crops 2025
bacteria 7785
conferences 7755
fungi 7785
history 3153
Orobanche 7795
pathogens 2045
Striga 7795
Cryptomeria japonica, isoenzymes 5327
Cucumis melo
colour 1692
fruits 6156
regenerative ability 5062
sex 1692
Sphaerotheca fuliginea 2623
sugars 6156
zucchini yellow mosaic potyvirus 7336
Cucumis sativus
cold resistance 1712
cucumber mosaic cucumovirus 2656
Fusarium oxysporum 8458
Meloidogyne javanica 7343
sex 9584
watermelon Moroccan mosaic potyvirus 11664
Cucurbita 2629
Colletotrichum orbiculare 1699
Cucurbita maxima, watermelon mosaic 1 potyvirus 8454
Cucurbita pepo
colour 2631, 6162
fruits 2631, 6162
habit 7340
male sterility 7338
sex 7338
Cucurbitaceae, books 4337
Cuphea viscosissima
decanoic acid 8614
fatty acids 8614
Datisca glomerata, sex 4442
Daucus carota
colour 2505
roots 2505
Dendrobium, flowers 9859
development 6611, 9055
reviews 11221, 12194
Dianthus caryophyllus
colour 6474
flowers 6474

Genetics *cont.*
Diospyros kaki
fruits 12702
ripening 12702
diseases 18-19, 1166, 2044, 7788, 8965, 9938-9939, 11136
books 5497
history 2041
reviews 2041
Eleusine coracana, chlorophyll 10283
fatty oil plants, books 11115
Festuca pratensis
cold resistance 4772
glucose-6-phosphate isomerase 4772
Festuca × *Lolium*
drought resistance 9332
heat resistance 9332
flowering 12193
flowers 9055
forest trees, quantitative traits 955
Fragaria ananassa, Phytophthora fragariae 9611, 11746
Fragaria vesca
colour 10695
stems 10695
Fraxinus excelsior 972
fungi 7790
gibberellins 3167
Glycine 8260
fatty acid desaturases 8280
linolenic acid 8280
Glycine max
aconitate hydratase 10414
Bradyrhizobium 2429, 9401, 12472
Cercospora sojina 7158, 8287
chlorosis 9403
Chrysodeixis includens 6030
colour 6013, 10417
cotyledons 6013
determinate and indeterminate habit 11533
dihydrolipoamide dehydrogenase 10413
fasciation 9382
flowers 10417
fluorescence 10412, 10416
Fusarium solani 9408
glucose-6-phosphate isomerase 10418
habit 1497
height 11533, 12467
Heterodera glycines 474, 9408, 10438, 10440, 12476
iron 9403
leaves 9392
linolenic acid 7149
lipoxygenase 8272
malate dehydrogenase 4824
male sterility 7139
necroses 10436
nodulation 1502, 2429, 9401, 10426
nutrients 9403
oleic acid 1500
palmitic acid 4831, 4834-4835
Phialophora gregata 9413
phosphogluconate dehydrogenase 10415
Phytophthora sojae 472, 6022
Pseudomonas savastanoi 3716
quantitative traits 10401
roots 10416
seeds 4824, 6013
stearic acid 6018
stems 12467
sterility 10402-10404, 10406
trypsin inhibitors 8272
yields 9394
Glycine soja, globulins 4832
Glycine tomentella, proteinase inhibitors 4825
Gossypium, plant glands 8726
Gossypium arboreum
isoenzymes 2878
peroxidases 2878
Gossypium barbadense
anthocyanins 8727
growth period 4141
yield components 8724
Gossypium hirsutum
anthocyanins 8727
chlorophyll 8723
cytoplasmic male sterility 11904

Genetics *cont.*
Gossypium hirsutum cont.
growth period 4141
isoenzymes 2878
peroxidases 2878
plant glands 2881
seedlings 8725
grain legumes, books 11115
growth regulators 3167
Helianthus annuus 844
chlorophyll 10790
colour 848
cytoplasmic male sterility 1804
oleic acid 2758
pollen 848
regenerative ability 11817
seeds 6256
self compatibility 7488-7489
superoxide dismutase 12744
herbicides 9939
Hibiscus, lignin 4155
Hibiscus cannabinus, photoperiodism 947
history 4368, 12105
Hordeum spontaneum
cold resistance 1330
Rhopalosiphum maidis 10122
yield components 2221
Hordeum vulgare 10102
α-amylase 3376
barley yellow mosaic bymovirus 4567, 5689
chlorophyll 3375
cold resistance 1330, 4561
Erysiphe graminis 3387-3389, 4564, 5685-5686, 7785, 8043, 10087
esterases 2220, 5689
gibberellic acid 3376
growth period 12237
growth regulators 3376
heat 5675
heat resistance 220
height 2217
Heterodera avenae 12295
hordein 205, 2222
internodes 2217
isoenzymes 11318
male sterility 1320
photoperiodism 5675, 12237
Puccinia graminis 2226-2227, 5687
Puccinia hordei 1334, 8044
Pyrenophora teres 1333, 3385
Rhynchosporium secalis 4563, 7791, 11318, 12098
salinity 1331, 3384
toxins 12098
vernalization 12237
yield components 2221
Hordeum × *Triticum,* morphology 12208
horticultural crops, conferences 2012
Humulus lupulus, Phorodon humuli 4320
hybridization 6665
Ipomoea batatas
Meloidogyne incognita 3818
Meloidogyne javanica 3818
Juglans, cherry leaf roll nepovirus 1758
Juglans regia, isoenzymes 812
Juniperus thurifera, flavonoids 984
Lactuca, Bremia lactucae 2553
Lactuca sativa, Bremia lactucae 7785
Larix sukaczewii, isoenzymes 1024
Lathyrus sativus
colour 446
flowers 446
neurotoxins 446
Lens culinaris
colour 8322-8324, 10473
flowers 10473
leaves 8323
seedlings 8324
seeds 8322, 8324
Uromyces viciae-fabae 8329
Leymus arenarius, salinity 10358
Lilium maculatum, vegetative propagation 3093
Linum usitatissimum, linseed, *Melampsora lini* 8591
Lotus corniculatus, male sterility 3689
Lupinus albus, height 8244
Lycopersicon esculentum
Clavibacter michiganensis 5035
colour 5014, 5027

Genetics *cont.*
Lycopersicon esculentum cont.
fenthion 11644
fruits 5014, 5027
Fulvia fulva 1666-1667, 7785, 7791, 11647, 12098
Fusarium oxysporum 3883, 5037
heat resistance 5027
insects 2592
Meloidogyne 11650
Meloidogyne incognita 1645, 1672
pesticides 11644
Pseudomonas syringae 11644
quality 7318
Ralstonia solanacearum 5034
ripening 7318
sucrose 10599
tobacco mosaic tobamovirus 2588-2589, 10605
tomato mosaic tobamovirus 7793
tomato spotted wilt tospovirus 618
toxins 12098
2-tridecanone 2592
Verticillium dahliae 3880
Xanthomonas vesicatoria 1663
Lycopersicon hirsutum
insects 2592
2-tridecanone 2592
Lycopersicon pennellii, sucrose 10599
Lycopersicon peruvianum
Clavibacter michiganensis 5035
Meloidogyne incognita 1671-1672
Meloidogyne javanica 1670
self incompatibility 12600
temperature 1670
Lycopersicon pimpinellifolium, Ralstonia solanacearum 5034
Maclura pomifera, isoenzymes 5295
Malus
Erwinia amylovora 8468
isoenzymes 11672
superoxide dismutase 12645
Mangifera indica, books 9916
Manihot esculenta
Bemisia tabaci 4934
carotenes 10554
cassava African mosaic bigeminivirus 4934
colour 10554
roots 10554
mathematics 5504
Medicago sativa
conferences 5489
nodulation 3678, 12440
Rhizobium 12440
Sclerotinia trifoliorum 1446
Mimulus
colour 6470
flowers 6470
plant glands 6470
Momordica charantia, Bactrocera cucurbitae 1714
Musa 790
Mycosphaerella fijiensis 12687
unreduced gametes 8517
mycorrhizas 2117
Nicotiana alata, self incompatibility 915
Nicotiana glutinosa, self incompatibility 915
Nicotiana plumbaginifolia, self incompatibility 915
Nicotiana tabacum
leaves 12818
self incompatibility 915
tomato mosaic tobamovirus 7793
viruses 5252
nomenclature 31
organelles 8972
Oryza sativa 10313
α-amylase 3601
amylose 2336, 5914, 5917
anther culture 1412
aroma 7048, 10329
awns 4710
chlorosis 11434
cold resistance 8172
colour 2337, 3593, 7034
cytoplasmic male sterility 2331, 4697, 10306
endosperm 11431
fertility 9292

Genetics *cont.*
Oryza sativa cont.
flowers 7034
fragrance 5916, 11430
gibberellins 12377
growth period 4715
habit 10316
height 365, 4712, 4716, 9297, 12377
leaves 2337, 5885, 7033
lipoxygenase 1409
lysine 11431
Magnaporthe grisea 389, 2364, 3633, 4745, 7060-7061
male sterility 2327, 3595, 8151, 10307-10308
molybdenum cofactor 5904
photoperiodism 1410, 4706, 8151, 10317
photosynthesis 4709
plant hairs 9300
polyembryony 2328
quality 2351, 3616
regenerative ability 4723, 5913
roots 4711, 10315
salinity 5927
seedlings 3593
seeds 4705
sterility 11413
sucrose synthase 5907
temperature 10307
tissue culture 11429
ultraviolet radiation 3630
wide hybridization 8147
Xanthomonas oryzae 1417, 2362-2363, 3632, 4741-4742, 7057-7058, 8175, 12406
yield components 4712
Panicum coloratum
leaves 4638
malate dehydrogenase 4638
Panicum miliaceum
maize dwarf mosaic potyvirus 10278
sugarcane mosaic potyvirus 10278
Papaver somniferum, alkaloids 11058
Passiflora edulis, self incompatibility 9647
pathogenesis-related proteins 6609
pathogens 2042-2043, 11213
books 7791, 8955
mathematics 7782
Pelargonium hortorum
anacardic acids 11009
plant hairs 11009
Pennisetum glaucum
apomixis 12349
cytoplasmic male sterility 3562
development 12349
Puccinia substriata 6994
Sclerospora graminicola 5864
Pennisetum purpureum, height 2308
pests 9939
Petunia, anthocyanins 6487
Pharbitis nil
colour 12994
flowers 12994
Phaseolus acutifolius, Xanthomonas axonopodis 1517, 3740
Phaseolus lunatus
alcohol dehydrogenase 10453
malate dehydrogenase 10453
phosphoglucomutase 10453
Phaseolus vulgaris
abnormal development 4854
bean common mosaic potyvirus 488, 8314
bean golden mosaic geminivirus 9436
Colletotrichum lindemuthianum 485, 9435
colour 3731-3732, 12490
cytoplasmic male sterility 12489
flowering 10460
leaves 4854
photoperiodism 1514
Pseudomonas syringae 10461
seeds 3731-3732
temperature 1514
Uromyces appendiculatus 1520
viruses 6052
Xanthomonas axonopodis 1517, 2452, 3740
Xanthomonas campestris 10460

Genetics *cont.*
photoreceptors 10022
photosynthesis 3169
Pinus elliottii, Cronartium quercuum 5318
Pinus strobus, isoenzymes 5313
Pinus sylvestris
flavonoids 984
isoenzymes 6398
Pinus taeda
cinnamyl-alcohol dehydrogenase 12898
lignin 12898
Pinus uncinata, flavonoids 984
Piper methysticum, lactones 1111
Pistacia vera
leaves 4022
vigour 4022
Pisum sativum
Erysiphe pisi 12509
flowering 494
leaves 7178
Rhizobium 497, 11568
symbiosis 11568
polyamines 12104
Poncirus trifoliata, Deuterophoma tracheiphila 10744
Populus 6372
leaves 10917
Populus deltoides
canopy 8785
Melampsora 12879
Melampsora larici-populina 12878
Populus nigra, Melampsora larici-populina 12878
Populus trichocarpa
canopy 8785
Melampsora 12879
Primula tommasinii, heterostyly 7676
Primula vulgaris
female fertility 6468
heterostyly 6468
Prunus, apricots, plant composition 713
Prunus armeniaca
incompatibility 704
plant composition 722
quality 714, 725
quantitative traits 714
self incompatibility 3947
Prunus avium
databases 11703
incompatibility 11706
self incompatibility 11714
Prunus dulcis, fruits 4016
Prunus persica 8485
chilling requirement 5110
fruits 6196, 7386
height 10687
leaves 3957
quality 6196, 10687
sterility 7386
Pyrus
cold resistance 5091
Erwinia amylovora 8468
Pyrus boissierana, isoenzymes 12648
Pyrus communis
fruits 3940
isoenzymes 7366, 12648
Pyrus pyrifolia
fruits 3940
ribonucleases 666
self incompatibility 666
quantitative traits 5575
computer programming 10401
Quercus petraea, isoenzymes 2934
Quercus robur
abscission 11929
isoenzymes 2935
Raphanus raphanistrum, isoenzymes 7253
Raphanus sativus
cytoplasmic male sterility 12574
male sterility 2512
roots 4943
Ricinus communis, waxes 7514
Saccharum officinarum, sugarcane mosaic potyvirus 2792
Salix, Melampsora epitea 8788
Salix eriocephala, arthropods 1887
Salix sericea, arthropods 1887
Salix viminalis, isoenzymes 7629

Genetics *cont.*
Schlumbergera, self incompatibility 9865
Secale, cytoplasmic male sterility 3408
Secale cereale
aluminium 3420
α-amylase 1347
conferences 4331
cytoplasmic male sterility 3407-3408
Fusarium culmorum 3421
reviews 11231
Gibberella zeae, reviews 11231
meiosis 3405
Puccinia recondita 3422-3423
Secale × *Triticum*
α-amylase 1347
chromosome pairing 3315
colour 6855
height 6865
inflorescences 6855
self incompatibility 7863
Sequoia sempervirens, isoenzymes 5328
Sesamum alatum, phyllody 5197
Sesamum indicum
isoenzymes 7516
phyllody 5197
seeds 7517
Setaria italica
herbicides 4642, 8119
sethoxydim 8119
trifluralin 4642
Setaria viridis
herbicides 4642, 8119
sethoxydim 8119
trifluralin 4642
Silene pratensis
development 12987
sex 12987
Solanaceae, self incompatibility 9065
Solanum, tuberous species, *Meloidogyne* 8389
Solanum chacoense, regenerative ability 6087
Solanum tuberosum
Phoma exigua 4920
Phytophthora infestans 11289
potato A potyvirus 1579
potato X potexvirus 7793, 12553-12554
potato Y potyvirus 1579, 12553
unreduced gametes 6084, 7223
Sorghum, rhizomes 8111
Sorghum bicolor
cytoplasmic male sterility 3539
maize dwarf mosaic potyvirus 10278
photoperiodism 9265
Schizaphis graminum 322
seeds 8108
Striga 1388
sugarcane mosaic potyvirus 10278
stability, mathematics 7854
statistics 92, 3252
Taxus baccata, isoenzymes 11982
Tectona grandis 2954
Trifolium pratense
books 5496
Fusarium oxysporum 4793
Trifolium repens 1459
aluminium 438
isocitrate dehydrogenase 5984
isoenzymes 5984
leaves 1464
toxic substances 438
Tripsacum × *Zea, Diabrotica virgifera* 5837
triticale 8062
Leptosphaeria nodorum 6900
triticale × *Triticum*
Diuraphis noxia 1265
height 6868
Triticum
Erysiphe graminis 4533, 10082
glumes 7950
glutenins 7973
hybrid necrosis 183
Puccinia recondita 10082
Puccinia striiformis 10093
shedding 7950
Triticum aestivum
albumins 3320
aluminium 166
catalogues 5612

Genetics *cont.*
Triticum aestivum cont.
chlorosis 10090
chromosome pairing 3315
Cochliobolus sativus 7996
cold resistance 4515, 10089
Erysiphe graminis 172, 174, 4533, 5651, 6762, 11290-11292, 12275
fungi 5656
Fusarium culmorum, reviews 11231
Gibberella zeae 3358
reviews 11231
gibberellic acid 3329
gliadin 153, 2169, 7975, 10060
glutenins 142, 153, 2169, 2177, 3320, 3343, 5641, 7978-7979, 10060-10061
growth period 5630, 12237
growth regulators 3329
habit 2153
height 3329, 5629, 10071, 11249
hybrid necrosis 183
male sterility 2151
Mayetiola destructor 1303, 2204
Mycosphaerella graminicola 175
photoperiodism 12237
Puccinia graminis 6765, 7882, 9159, 10090, 11297, 11299
Puccinia recondita 172, 174, 181, 2199, 3362, 4535, 5652, 5655, 6762, 7882, 8001, 8006, 10090, 10092
reviews 8002
Puccinia striiformis 11294-11296
quality 142, 2169, 2177, 5641, 5655, 7975, 7979, 11271, 12256
Schizaphis graminum 6769
spikelets 2153
spring and winter habit 133
sprouting 7946
sterility 2152
Tilletia indica 11293
Tilletia laevis 10089
Tilletia tritici 10089
toxic substances 166
Ustilago segetum 9157
vernalization 12237
waterlogging 169
Xanthomonas translucens 171, 3355
yield components 8006
yields 5655
Triticum araraticum, Erysiphe graminis 12275
Triticum boeoticum
glutenins 5641
quality 5641
Triticum durum
Erysiphe graminis 172
glumes 137
glutenins 143
Mayetiola destructor 5660
Puccinia recondita 172
quality 143, 2176
Triticum turgidum
habit 2153
quantitative traits 3328
spikelets 2153
Vicia faba
dormancy 11550
height 478
seeds 11550
stability 12482
Vigna mungo
Callosobruchus maculatus 3780
flowers 7206
seeds 7206
Vigna radiata
Callosobruchus maculatus 3780
yield components 3778
Vigna unguiculata
colour 7200
cowpea severe mosaic comovirus 10508
cucumber mosaic cucumovirus 1547
fruits 7200
sterility 3775
Striga gesnerioides 10509
Uromyces appendiculatus 10506
viruses, reviews 6606

Genetics *cont.*
Vitis vinifera
fruits 6205
seedlessness 6205
Zea
flowers 5769
phlobaphene 5769
Zea mays 243, 256, 4593, 5735, 10161
abnormal development 10222
abscisic acid 2265
accessory chromosomes 3461
aluminium 11360
anthers 5755
anthocyanins 5777, 5802, 8084, 9236
aroma 10198
Cercospora zeae-maydis 1379
colour 5770, 5772, 5780, 5793, 5799, 10216, 10223
computer programming 254
cytoplasmic male sterility 5750, 9213, 9216
databases 5734
development 3469, 6936, 9226
DNA 10172
embryo sac 9203
endosperm 3484, 10213, 10233, 10237
β-fructofuranosidase 276
Gibberella fujikuroi 305
Gibberella zeae 2284
height 271, 5803, 10212
Helicoverpa zea 5841, 9259
inflorescences 271, 1367, 9221, 10218, 10222
isoenzymes 10258
leaves 270, 3469, 5801, 9226, 9232, 10214
ligules 6935
maize dwarf mosaic potyvirus 4618
male sterility 5752, 6926
maysin 5841, 9259
morphology 10217, 10244
nomenclature 5733
pollen 5802
proteins 274, 3485, 10233
Puccinia polysora 10263
Puccinia sorghi 307, 10260, 10263
quantitative traits 5575
seeds 5778, 5793, 10216
Setosphaeria turcica 10258
spikelets 10218
toxic substances 11360
variegation 4605
waxes 252, 9232
Xanthomonas oryzae 10260
yield components 3436, 5697
zein 2276, 3484
sweetcorn
peroxidases 5813
quality 5813
seeds 272
Genipa americana, chromosome morphology 10935
Genipa infundibuliformis, chromosome morphology 10935
Genista
chemotaxonomy 11005
flavonoids 11005
growth period 11989
Genomes 9941, 9957
Aegilops × *Triticum,* chromosome banding 7932
Arabidopsis thaliana 11167
Aranda 6505
Arecaceae 7634
Avena, molecular genetics 4573
Brassica 1765, 1774
chromosome addition 4039
restriction fragment length polymorphism 4039
Brassica alboglabra 11797
Brassica campestris
gene mapping 4034
restriction fragment length polymorphism 4034
sarson 11797
Brassica napus, rape 8562
Brassica nigra 8562
gene mapping 4034
restriction fragment length polymorphism 4034

Genomes *cont.*
Brassica oleracea
gene mapping 4034
restriction fragment length polymorphism 4034
cereals 9086
crops, books 11120
Elymus × *Triticum*
in situ hybridization 4481
random amplified polymorphic DNA 4481
Elymus × *Triticum* × *Thinopyrum*, DNA hybridization 2146
Eucheuma 8934
Glycine 9370
Gossypium hirsutum 933-934
Hordeum 203
Kappaphycus 8934
Leymus racemosus 413
Mokara 6505
molecular genetics 11147
Musa, microsatellites 12683
Oryza 5887, 7021
random amplified polymorphic DNA 2355
Pennisetum 6989
Triticum aestivum, random amplified polymorphic DNA 9109
Genotype environment interaction 9, 14, 16, 6602
Arachis hypogaea 859
yield components 2771
Avena sativa
forage 8054
yield components 2236, 10126
Beta vulgaris
sugarbeet 2815, 10839
mathematics 11866
books 1149
Brassica juncea, yield components 12732
Cajanus cajan, yield components 12521
Camellia sinensis, yield components 8682
cereals, statistics 7877, 11229
Cicer arietinum 9459
nutritive value 506
seeds 506
yield components 7191, 12515
Cucumis sativus, sex 2648
Eleusine coracana 3570-3571
Eucalyptus grandis, wood properties 1881
Fagopyrum esculentum, antioxidants 7065
Fagus sylvatica 10911
Festuca pratensis, sugars 11479
Gerbera
nitrogen 13003
nutrients 13003
Glycine max
Fusarium solani 1503
Heterodera glycines 1503
oils 1498
palmitic acid 2425
proteins 1498
quality 10424
statistics 8283
stearic acid 2425
yield components 7156
Gossypium 7605
Gossypium barbadense
quality 8736
yield components 8732
yields 8736
Gossypium hirsutum, growth period 2894
Helianthus annuus 854
quality 10795
seeds 10795
Hordeum vulgare 217, 1328
β-glucan 9170
quality 4558, 9168
Ipomoea batatas
quality 10564
yield components 10564
Linum usitatissimum
linseed
fungi 8590
yield components 8590, 10783
Lycopersicon esculentum, yield components 5025, 12608
mathematics 12, 7773, 11131
Genotype environment interaction *cont.*
Musa, Mycosphaerella fijiensis 12687
Nicotiana tabacum, viruses 5252
Oryza sativa 377
drought resistance 385
palatability 7044
quality 12395
water balance 368
yield components 3598, 8169, 12399
Panicum virgatum
canopy 11388
tillering 11388
Paspalum scrobiculatum
growth period 9338
height 9338
yield components 12429
Pennisetum glaucum
drought resistance 329
yield components 6992
Phaseolus vulgaris
quality 6045
yield components 6045
Picea abies, wood properties 1015
Pinus radiata, statistics 10963
Pinus strobus, height 10959
Pinus sylvestris, height 1004
Pinus taeda, quality 11964
Populus canadensis 6378
Populus deltoides, yield components 5288
Populus trichocarpa, yield components 5288
Saccharum officinarum 159, 8659
nutrients 8660
yield components 1834, 2786, 8660
Solanum 537
Sorghum bicolor 320, 6970
nitrogen 6971
nutrients 6971
yield components 1386
statistics 14
techniques 13
triticale
nutrients 11327
phosphorus 11327
phytic acid 11327
quality 6827, 6883, 6885-6886
yield components 6823, 6827
Triticum aestivum 159, 161-162, 1291
catechol oxidase 11267
gliadin 12254
glutenins 12254
quality 158, 6748, 7975, 11267-11268, 12254
transpiration 5635
yield components 6747-6748
yields 3337, 4505, 5635
Triticum durum 5604
yield components 2183, 3298
Vicia faba
Orobanche crenata 480
yield components 1508
Vicia sativa, yield components 7109
Vigna angularis, yield components 4892
Vigna radiata, yield components 2478, 2482, 4890
Vigna umbellata, yield components 524
Vitis vinifera
genotype mixtures 3987
leaves 10702
Zea mays
drought resistance 303, 10253-10254
flowering 2267
growth period 2267
height 2267
mathematics 7773, 8962
moisture content 11348
quantitative traits 4601
yield components 2271, 3490
Genotype mixtures
crops 1167
pathogens 7781
Lolium perenne 1434
Trifolium repens 9351
Triticum aestivum 3345, 3357
fungi 11286
yields 7983
Vitis vinifera, genotype environment interaction 3987
Zea mays 3494, 3499
Gentiana
nucleotide sequences
phylogeny 5408
ribosomal DNA 5408
Gentiana cerina, tissue culture 11025
Gentiana corymbifera, tissue culture 11025
Gentiana crassicaulis, protoplast culture 6536
Gentiana cruciata, tissue culture 8851
Gentiana durangensis, taxonomy 8855
Gentiana pneumonanthe, polymorphism, isoenzymes 1956
Gentiana sagarmathae, taxonomy 5411
Gentiana tibetica, tissue culture 8851
Gentiana triflora
nucleotide sequences
dihydrokaempferol 4-reductase 1951
flavonoid 3′-monooxygenase 1951
flavonol 3-*O*-glucosyltransferase 1951
Gentianaceae, taxonomy 4268
Gentianella, embryology 9844
Geography
Camellia sinensis 2823
Crocosmia 7694
Fagus sylvatica 4167
Glycine max 7153
Hordelymus 5662
Hordeum 5662
Lens 2465
Lilium dauricum 6497
Pinus brutia 987
Pinus greggii 2971
Pinus halepensis 987, 996
Solanum, tuberous species 6094
Taeniatherum 5662
Geraniol
Cymbopogon coloratus 13046
Cymbopogon flexuosus, induced mutations 13046
Cymbopogon martinii 13046
Geranium
hybrid varieties 8834
nucleotide sequences
phylogeny 7664
ribulose-bisphosphate carboxylase 7664
taxonomy 8854
varieties, Pink Spice 8834
Geranium sessifolium, interspecific hybridization 8834
Geranium tanii, nomenclature 1068
Geranium traversii, interspecific hybridization 8834
Geranium trifoliatum, nomenclature 1068
Geranylgeranyl pyrophosphate synthase
Arabidopsis thaliana
genetic engineering 7820
nucleotide sequences 7820
Gerbera
genotype environment interaction
nitrogen 13003
nutrients 13003
plant disorders 1960
stem break 1960
tissue culture 6418
Gerbera hybrida
gene expression
anthocyanins 6472
development 6472
flowers 6472
nucleotide sequences
evolution 7672
naringenin-chalcone synthase 7672
Gerbera jamesonii
haploidy 6476
ovule culture 6476
Germany, Bundesanstalt für Züchtungsforschung an Kulturpflanzen, reports 8939-8940
Germin
Nicotiana tabacum, genetic transformation 6706
Pharbitis nil
gene expression 1952
nucleotide sequences 1952
Triticum aestivum, gene expression 6706
Germination
Abies amabilis, genetics 1019
Albizia lebbeck 5297
Anacardium occidentale
combining ability 5169

Germination *cont.*
Anacardium occidentale cont.
heterosis 5169
Brassica campestris 4036, 11808
Brassica napus
rape 4036, 11807-11808
selection 11805
Cajanus cajan 9474
Centaurium erythraea 1104
Cicer arietinum 9455
Cichorium intybus 2559
Citrus reticulata 1749
Corylus colurna 6238
Drosera 8903
Elaeis guineensis 7501
Festuca arundinacea 6458, 10351
Glycine max 2431, 9381
Gossypium 944
Helianthus annuus 1805, 5185
Hordeum vulgare 1331, 4554, 10109
mutations 3374
Lens culinaris, induced mutations 5998
Lolium perenne 6458
Lotus corniculatus 1474
Lotus suaveolens 1474
Lotus uliginosus 1474
Lycopersicon esculentum 3868, 3878
mutations 10598
Medicago sativa 2399
Nicotiana tabacum, gene expression 11889
Oryza sativa 8156
Pennisetum glaucum, artificial selection 11397
Pinus taeda
gene expression 7643
nucleotide sequences 7643
Pisum sativum 9442, 10467
induced mutations 5998
Poa pratensis 6458-6459
Sesamum indicum 6293
Sorghum bicolor 8109
Triticum aestivum 134, 3322, 7986
gene expression 12234
Trollius chinensis
gene expression 4263
nucleotide sequences 4263
Vicia faba 9425, 11549
Vigna unguiculata 9489
Zea mays 6922, 11362
gene expression 10199
mutations 5762
Germplasm banks (*see* Gene banks)
Germplasm releases
Allium cepa 3828
Arachis hypogaea, peanut bud necrosis tospovirus 7512
Benincasa hispida, sex 7344
Beta vulgaris, beetroots 3826
Brassica napus, rape, cytoplasmic male sterility 9665
Cajanus cajan
Fusarium oxysporum 9481
growth period 9481
pigeonpea sterility mosaic virus 9481
Cicer arietinum, growth period 9453
Cicer reticulatum, Heterodera ciceri 7192
Citrullus lanatus, watermelon mosaic 2 potyvirus 2628
Cucumis sativus 2637, 8457
Meloidogyne 8459
Daucus carota 3805
Eleusine coracana, male sterility 6995
Glycine max, Meloidogyne arenaria 7162
Gossypium hirsutum 2859-2861, 7588
Ipomoea batatas 7242
Malus pumila
diseases 7359
Venturia inaequalis 7359
Medicago sativa, seed production 7099-7101
Oryza sativa 336, 6997, 7056
Pennisetum glaucum 6985
Sorghum bicolor 3534
Tripsacum dactyloides
apomixis 6952
polyploidy 6952
Triticum aestivum 3296, 4469, 4500
cytoplasmic male sterility 6721
Schizaphis graminum 6769

Germplasm releases *cont.*
Triticum monococcum 6695
Triticum sinskajae 6695
Gibberella
cereals 12213
Triticum durum 173
Gibberella avenacea, Triticum aestivum 11284
Gibberella baccata, Ipomoea batatas 8401
Gibberella fujikuroi
Sorghum bicolor 5855
Zea mays 306, 3520-3521, 3523, 11364
artificial selection 3441, 3522
genetics 305
Gibberella zeae
Dasypyrum × *Triticum* 10043
Elymus 8214
Elymus × *Hordeum* 8214
Hordeum vulgare, mutations 11319
Secale cereale, genetics, reviews 11231
Sorghum bicolor 5855
triticale 6897
in vitro selection 6878
Triticeae 11465
Triticum 7992
Triticum aestivum 2191, 4526, 5646, 7992, 9154-9155
artificial selection 5644, 11287
genetic variance 2193
genetics 3358
reviews 11231
heritability 2193
in vitro selection 2192
Triticum durum 5646, 9155
Zea mays 306, 3520, 3523, 4616-4617, 5832, 5834, 11366, 12335
combining ability 11367
genetics 2284
Gibberellic acid
Brassica napus, rape, heterosis 833
Hordeum vulgare
gene expression 5672
genetics 3376
Lycopersicon esculentum, mutations 6137, 9552
Oryza sativa 2340
mutations 7035
Triticum aestivum 2150
genetics 3329
somaclonal variation 10077
Vaccinium ashei 11741
Vitis vinifera 7398
Zea mays 6924
Gibberellin oxidase
Cucurbita maxima
gene expression 12633
nucleotide sequences 12633
Marah macrocarpus
gene expression 12633
nucleotide sequences 12633
Oryza sativa
gene expression 9295
nucleotide sequences 9295
Phaseolus vulgaris
gene expression 8249
nucleotide sequences 8249
Pisum sativum
gene expression 8249
nucleotide sequences 8249
Gibberellins
Arabidopsis thaliana
gene expression 11178
mutations 6655, 9017
Beta vulgaris
beetroots
genetics 10567
mutations 10567
Cucumis sativus
gene expression 1706
nucleotide sequences 1706
Cucurbita maxima
gene expression 11659
nucleotide sequences 11659
gene expression, reviews 11219
genetics 3167
mutations 12187
Oryza sativa, genetics 12377
Petunia hybrida
gene expression 5415
nucleotide sequences 5415

Gibberellins *cont.*
Pisum sativum
gene expression 3751
molecular genetics 3751
mutations 2461
Triticum aestivum, pleiotropy 11249
Zea mays 5756
Ginkgo biloba
haploidy 4211
nutritive value 10988
pollen 3274
pollen culture 4211
pollination 10987
protoplast culture 4211
seeds 10988
Ginsenosides, *Panax quinquefolius* 4301
Gladiolus
air pollution 11034
breeding 5416
combining ability, *Fusarium* 12014
fluorides 11034
genetic transformation
Agrobacterium tumefaciens 7691
bean yellow mosaic potyvirus 12015
taxonomy, books 6563
variety trials 7690, 8858
Gladiolus grandiflorus, in vitro selection, *Fusarium oxysporum* 13008
Glands (*see* Plant glands)
Glehnia littoralis, tissue culture 3117, 13032
Gliadin
Capsicum annuum 7328
Secale × triticale, genetic markers 299
Secale × *Triticum* 6856
Triticum aestivum 150, 5623, 6729, 10064
chromosome translocation 3361
gene mapping 10060
genetic markers 3330, 3361, 9126
genetics 153, 2169, 7975, 10060
genotype environment interaction 12254
maternal effects 4490
nucleotide sequences 12218-12219
polymorphism 3341
Triticum boeoticum 9134
polymorphism 4495
Triticum durum 6729
Triticum monococcum 9122
polymorphism 4495
Triticum spelta
maternal effects 4490
polymorphism 3341, 11261
Triticum urartu 9134
polymorphism 4495
Gliricidia sepium
forage 11512
gene flow 7632
genetic variation, isoenzymes 980
provenance trials 11512
repetitive DNA 7632
Globba winitii, tissue culture 3275
Globodera pallida, *Solanum tuberosum* 11608
Globodera rostochiensis
Solanum tuberosum 11607
artificial selection 548
Globodera tabacum, *Nicotiana tabacum* 9751
Globulins
Amaranthus hypochondriacus, molecular genetics 2369
Beta vulgaris, fodder beet 2517
Canavalia gladiata
gene expression 12532
nucleotide sequences 12532
Glycine max 2423
Glycine soja, genetics 4832
Lupinus 5992
Lupinus angustifolius
gene expression 12448
nucleotide sequences 12448
Nicotiana tabacum
gene expression 12448
genetic transformation 6910, 12448
nucleotide sequences 33-34
Oryza sativa
gene expression 1398
nucleotide sequences 341, 7015, 813
Pinus strobus
gene expression 994

Globulins *cont.*
Pinus strobus cont.
nucleotide sequences 994
Sophora japonica, heterozygosity 979
Triticum aestivum, gene mapping 1272
Triticum durum, gene mapping 1272
Zea mays
gene expression 6910
genetic engineering 6910
mutations 4608
nucleotide sequences 4608
Gloeosporium *(see also Colletotrichum; Glomerella)*
Glomerella *(see also Colletotrichum)*
Glomerella cingulata
Allium 8417
genetics 11631
Allium cepa, genetics 11631
Hevea brasiliensis
combining ability 8776
heritability 8776
Lupinus albus 4801
Mangifera indica 9638
Stylosanthes 4806
Stylosanthes guianensis 5994
Glomerella tucumanensis
Saccharum 881
Saccharum officinarum 878-880, 2790-2791, 4093, 7538-7539, 8664, 11861, 12789
techniques 11860
Glomus fasciculatum
Petroselinum crispum
gene expression 13042
nucleotide sequences 13042
Glomus fistulosum, *Fragaria vesca* 8507
Glomus intraradices, *Nicotiana tabacum,* molecular genetics 6331
Glomus versiforme, *Medicago truncatula,* gene expression 10370
β-Glucan, *Avena sativa,* heritability 2233
Glucan branching enzyme
Oryza sativa
gene mapping 8141
restriction fragment length polymorphism 8141
Solanum tuberosum, genetic engineering 1564
Triticum aestivum
gene expression 6701
nucleotide sequences 6701
β-Glucanase
Agaricus bisporus, genetic transformation 7747
Arabidopsis thaliana
gene expression 12126
nucleotide sequences 12126
Capsicum annuum
gene expression 6150
nucleotide sequences 6150
Gossypium hirsutum
gene expression 930
nucleotide sequences 930
Lycopersicon esculentum
gene expression 5011, 6139
mutations 5011
Medicago sativa, genetic transformation 424
Nicotiana, genetic transformation 905
Nicotiana sylvestris
genetic transformation 927
mutations 927
Nicotiana tabacum
gene expression 904, 5248, 9738
genetic transformation 904, 927, 12126
mutations 927
Solanum tuberosum, gene expression 1580
β-Glucan
Avena sativa 12209
artificial selection 5600
Glycine max, molecular genetics 11543
Hordeum vulgare 8032, 12209, 12291
artificial selection 5600
genotype environment interaction 9170
β-Glucan exohydrolase, *Hordeum vulgare,* nucleotide sequences 1311
Glucose-1-phosphate adenylyltransferase
Arabidopsis thaliana
mutations 8998
nucleotide sequences 8998
Ipomoea batatas, nucleotide sequences 7244
Oryza sativa, nucleotide sequences 4683
Pisum sativum
gene expression 7175
nucleotide sequences 7175
Solanum tuberosum
gene expression 3788, 3799
genetic engineering 1564
genetic transformation 3786, 3788, 3799
Triticum aestivum
gene expression 10048
nucleotide sequences 10048
Glucose-6-phosphate isomerase
Brassica oleracea
genetic markers 1610
multiple alleles 1610
Clarkia mildrediae
gene expression 9837
multiple genes 9837
Festuca pratensis, genetics 4772
Glycine max, genetics 10418
Oryza sativa, nucleotide sequences 1401
Aegilops aucheri, genetics 188
Aegilops speltoides, genetics 188
α-Glucosidase, *Spinacia oleracea,* nucleotide sequences 7297
β-Glucosidase
Arabidopsis thaliana
gene expression 9045
nucleotide sequences 9045
Solanum tuberosum, gene expression 1580
Glucosides
Vicia faba, mutations 6033
Vicia narbonensis 6033
Glucosinolates 2050
Arabidopsis thaliana
gene mapping 12141
restriction fragment length polymorphism 12141
Brassica 5183, 7473, 8578
Brassica atlantica
gene mapping 1786
restriction fragment length polymorphism 1786
Brassica drepanensis
gene mapping 1786
restriction fragment length polymorphism 1786
Brassica juncea 5181
Brassica napus
rape 5183, 7451, 7473, 7477, 9675
artificial selection 1788
genetics 7475
restriction fragment length polymorphism 1788
techniques 10773, 12734
Brassica pekinensis 9536
Sinapis arvensis 5183
Glucosyltransferases
Nicotiana tabacum
gene expression 907
nucleotide sequences 907
β-Glucuronidase
Lycopersicon esculentum, gene expression 12605
Arabidopsis thaliana, genetic transformation 12123
Brassica napus
rape
gene expression 11804
genetic transformation 11804
gene expression, reviews 28
Nicotiana tabacum, genetic transformation 8699
Picea glauca
gene expression 12851
genetic transformation 12851
Populus
gene expression 12851
genetic transformation 12851
Trifolium repens, nucleotide sequences 3683
Vaccinium macrocarpon
gene expression 9605
β-Glucuronidase *cont.*
Vaccinium macrocarpon cont.
genetic transformation 9605
Glufosinate
Asparagus officinalis, genetic transformation 7305
Brassica campestris
gene expression 12722
genetic transformation 12722
Brassica napus
gene expression 12722
genetic transformation 12722
rape, genetic transformation 6252
Hordeum vulgare, genetic transformation 6796
Medicago truncatula, genetic transformation 5973
Oryza sativa
gene expression 3636
genetic transformation 3636, 9315
Zea mays, genetic transformation 10145
Glumes
Aegilops aucheri, genetics 188
Aegilops speltoides, genetics 188
Oryza 5906
Oryza sativa
gene mapping 4677
gene tagging 4677
restriction fragment length polymorphism 4677
Triticum, genetics 7950
Triticum durum
gene location 137
genetics 137
linkage 137
Glutamate-ammonia ligase
Alnus glutinosa
gene expression 5294
nucleotide sequences 5294
Arabidopsis thaliana, mutations 12135
Glycine max
gene expression 9357, 11524
genetic engineering 9357, 11524
Hevea brasiliensis
gene expression 8758
nucleotide sequences 8758
Lotus corniculatus, genetic transformation 9357
Lycopersicon esculentum, gene expression 3863
Medicago sativa
gene expression 11524
genetic transformation 11524
Nicotiana tabacum
gene expression 2446, 11524, 12816
genetic transformation 2335, 2446, 11524
Oryza sativa, genetic engineering 2335
Phaseolus vulgaris
gene expression 2446
genetic engineering 2446
polymerase chain reaction 5520
Vitis vinifera
gene expression 770
nucleotide sequences 770
Zea mays, gene expression 6916
Glutamate-cysteine ligase
Populus
gene expression 12873
genetic transformation 12873
Populus canescens
gene expression 6377
genetic transformation 6377
Glutamate dehydrogenase
Arabidopsis thaliana
gene expression 8993, 11181
genetics 3238, 11181
nucleotide sequences 8993
Iris 3077
Vitis vinifera, nucleotide sequences 2698
Glutamate 1-semialdehyde aminotransferase, *Nicotiana tabacum,* genetic transformation 9737
Glutamate synthase
Nicotiana tabacum, gene expression 12816
Pinus sylvestris, molecular genetics 12894
Glutamic acid
Solanum berthaultii
gene expression 6085

Glutamic acid *cont.*
Solanum berthaultii cont.
nucleotide sequences 6085
Glutamine, *Picea abies* 12903
Glutamyl kinase
Lycopersicon esculentum
gene expression 12596
nucleotide sequences 12596
Glutamyl phosphate reductase
Lycopersicon esculentum
gene expression 12596
nucleotide sequences 12596
Glutamyl-tRNA reductase
Cucumis sativus
gene expression 3904
nucleotide sequences 3904
Hordeum vulgare, gene expression 6784
Glutaredoxin
Ricinus communis
gene expression 12770
nucleotide sequences 12770
Glutathione reductase
Nicotiana tabacum
gene expression 4871
genetic transformation 4871
Pisum sativum
gene expression 3747, 4871
gene mapping 3747
genetic engineering 4871
nucleotide sequences 3747
Glutathione reductase (NAD(P)H), *Arabidopsis thaliana,* gene expression 9048
Glutathione synthase
Arabidopsis thaliana
gene expression 1195
nucleotide sequences 1195, 9037
Glutathione transferase
Arabidopsis thaliana
gene expression 4389
nucleotide sequences 4389
Nicotiana tabacum, gene expression 4120
Zea mays 9260
gene expression 9219
Glutelins
Nicotiana tabacum, genetic transformation 2317
Oryza sativa
gene mapping 4713
genetic engineering 2317
induced mutations 4713, 12396
restriction fragment length polymorphism 4713
Glutenins
Aegilops, genetics 7973
Aegilops tauschii 12280
Aegilops × *Triticum*
gene mapping 4475
in situ hybridization 4475
restriction fragment length polymorphism 4475
Leymus racemosus, polymorphism 413
Triticum, genetics 7973
Triticum aestivum 4496, 5640, 6742-6743, 9135, 10059, 10064, 12257
backcrossing 5641
chromosome translocation 12258
gene expression 2140
gene location 6745
gene mapping 10060
genetic engineering 147, 4502
genetic markers 9126
genetic transformation 147-148
genetics 142, 153, 2169, 2177, 3320, 3343, 5641, 7978-7979, 10060-10061
genotype environment interaction 12254
nucleotide sequences 3307
polymerase chain reaction 4474, 7974
techniques 141, 4503, 6741
Triticum boeoticum 9134
backcrossing 5641
genetics 5641
Triticum durum 4498
genetics 143
polymerase chain reaction 4474, 4499
Triticum monococcum 9122
Triticum spelta 10059
polymorphism 11261
Triticum urartu 9134
Glutenins *cont.*
Triticum × *Zea* 12207
Glyceraldehyde-3-phosphate dehydrogenase
Arabidopsis thaliana, molecular genetics 8988
Nicotiana tabacum
gene expression 3287
nucleotide sequences 3287
Pisum sativum
gene expression 3287
molecular genetics 2460
nucleotide sequences 3287
Spinacia oleracea
gene expression 3287, 3844
nucleotide sequences 3287, 3844
Zea mays
gene expression 5827
nucleotide sequences 5827
Glycinamide ribonucleotide transformylase
Glycine max
gene expression 3704
nucleotide sequences 3704
Glycine
chromosome number 9370
embryo culture 1492
gene banks 9371
genetic markers 8260
genetic resources 9370
genetics 8260
fatty acid desaturases 8280
linolenic acid 8280
genomes 9370
interspecific hybridization 1492
nucleotide sequences, phylogeny 7154
pollen 3707
Glycine decarboxylase
Hordeum vulgare, mutations 11311
Pisum sativum, gene expression 9440
Glycine dehydrogenase (decarboxylating)
Flaveria pringlei
gene expression 8848
nucleotide sequences 8848
Zea mays, linkage 5836
Glycine gracilis
esterases 2420
evolution 3711
genetic variance, yield components 6016
interspecific hybridization 6016, 8260, 12460
isoenzymes 2420
latitude 10421
seeds 3711
stability
mathematics 10421
yield components 10421
Glycine latifolia, genetic resources 9367
Glycine max
aluminium 7871
amino acids 6017
amplified fragment length polymorphism 7134
aneuploidy 9377
anther culture 3712
anthocyanins 8267
Anticarsia gemmatalis 7164
artificial selection 9399, 10397
amino acids 9387
cold resistance 4840
Fusarium 4840
oils 9368
Phytophthora sojae 6023
proteins 8282, 9368
soybean mosaic potyvirus 8288
yield components 9398
yields 4813
ascorbic acid 7152
Atrachya menetriesii 10443
Bemisia argentifolii 475, 10441
benzyladenine 7144
Bradyrhizobium 1501, 2428
breeding 451-452, 3698, 8251, 9381
history 9369
calcium 8284
Cercospora sojina 7159, 8286, 10434
Cerotoma arcuata 7163
chlorophyll 3708
multivariate analysis 8269
chloroplast genetics 8258
chromosome pairing, male sterility 8264
Glycine max *cont.*
cold resistance 4837
colour 7143, 9384
combining ability, yield components 8274, 9376
crop density 7140, 11538-11539
cryopreservation 6670, 10422
cytoplasmic inheritance 1491
leaves 10411
databases, nodulation 10426
determinate and indeterminate habit 6016, 7140, 8271, 10409
development 9390, 12462
DNA 8262, 12461
DNA fingerprinting, nodulation 9400
DNA hybridization
linolenic acid 7148
stearoyl-CoA desaturase 7148
drought resistance 4838, 9405
electrical properties 4828
Epilachna varivestis 10442
epistasis, shedding 7142
Erwinia carotovora 9410
esterases 2420, 6014
ethyl methanesulfonate 3714
ethylene 4820
evolution 3711
farm inputs 11537
fatty acids 10425
flooding 2431
Fusarium solani 6021, 9414
gamma radiation 466, 8261, 8276, 9380
gene banks 8252
gene expression 6009
aspartate-ammonia ligase 6008
aspartic proteinases 12464
auxins 12459
binding proteins 7136
cell division 7137
choline kinase 3702
cold resistance 10429
β-conglycinin 12463
cytochromes 11530
development 11525
dihydrodipicolinate synthase 8265
DNA binding proteins 8995
glutamate-ammonia ligase 9357, 11524
glycinamide ribonucleotide transformylase 3704
lipoxygenase 11530
naringenin-chalcone synthase 463
nodulins 457, 12473
oleosins 8273
oxidoreductases 11523
pathogenesis-related proteins 6019
phospholipase D 1495
phosphoribosylamine-glycine ligase 3704
phragmoplastin 7137
Phytophthora sojae 10435
protein kinase 12458
proteinase inhibitors 6012
proteins 1490, 4818
seeds 463, 1495, 8273
thioredoxins 3703
UDPglucose 6-dehydrogenase 6010
urate oxidase 7135
gene mapping 459, 1489, 9375
chlorimuron 6032, 11546
β-conglycinin 10407
development 11525
diseases 2435
Fusarium solani 10431, 11541
herbicides 6032, 11546
Heterodera glycines 10431, 10438, 11541
nodulation 11519
oils 1499
Phytophthora sojae 9415
proteins 1499
quantitative traits 458, 3709, 11546
seeds 1499, 3709, 10407
genetic distance, proteins 462
genetic engineering
allergens 6031
binding proteins 7136
dihydrodipicolinate synthase 8265
fatty acids 3713
glutamate-ammonia ligase 9357, 11524

Glycine max cont.
genetic engineering *cont.*
glyphosate 6031
herbicides 6031
nodulins 9356
genetic markers 8257
chlorosis 9403
Fusarium solani 6020, 9408-9409, 10431
Heterodera glycines 6025, 9408-9409, 10431
iron 9403
Meloidogyne javanica 11545
mung bean yellow mosaic bigeminivirus 8289
nodulation 7133, 9400
nutrients 9403
oils 8281
proteins 8281
quality 10423
salinity 9407
seeds 8281
shedding 7142
soybean mosaic potyvirus 9419
yield components 2421
yields 9394
genetic resources 453, 5999, 7150, 7153
genetic transformation 6009
albumins 816
allergens 12469
atrazine 10444
biolistics 6624
growth period 2418
herbicides 10444
insecticidal proteins 2438
insects 2438
male sterility 8263
soybean mosaic potyvirus 9417
techniques 6624
genetic variance
prolificacy 8268
proteins 8282
yield components 4819, 6016, 8274, 9396
genetic variation 5999
isoenzymes 8289
genetics
aconitate hydratase 10414
Bradyrhizobium 2429, 9401, 12472
Cercospora sojina 7158, 8287
chlorosis 9403
Chrysodeixis includens 6030
colour 6013, 10417
cotyledons 6013
determinate and indeterminate habit 11533
dihydrolipoamide dehydrogenase 10413
fasciation 9382
flowers 10417
fluorescence 10412, 10416
Fusarium solani 9408
glucose-6-phosphate isomerase 10418
habit 1497
height 11533, 12467
Heterodera glycines 474, 9408, 10438, 10440, 12476
iron 9403
leaves 9392
linolenic acid 7149
lipoxygenase 8272
malate dehydrogenase 4824
male sterility 7139
necroses 10436
nodulation 1502, 2429, 9401, 10426
nutrients 9403
oleic acid 1500
palmitic acid 4831, 4834-4835
Phialophora gregata 9413
phosphogluconate dehydrogenase 10415
Phytophthora sojae 472, 6022
Pseudomonas savastanoi 3716
quantitative traits 10401
roots 10416
seeds 4824, 6013
stearic acid 6018
stems 12467
sterility 10402-10404, 10406
trypsin inhibitors 8272
yields 9394

Glycine max cont.
genotype environment interaction
Fusarium solani 1503
Heterodera glycines 1503
oils 1498
palmitic acid 2425
proteins 1498
quality 10424
statistics 8283
stearic acid 2425
yield components 7156
geography 7153
germination 2431, 9381
germplasm releases, *Meloidogyne arenaria* 7162
globulins 2423
glycinin 12470
growth period 1496, 9369, 9389, 9395, 11527, 11529, 11531
mathematics 4827
growth regulators 4820, 7144, 7157, 12466
haploidy 3712
hard seeds 2430
harvesting 4823
Helicoverpa zea 9421
herbicides 8290, 11222
heritability
Bradyrhizobium 12474
nodulation 11536
Cercospora sojina 7158
Chrysodeixis includens 6030
drought resistance 1494
Fusarium 4839
Fusarium solani 1503
height 8251
Heterodera glycines 1503
nodulation 11536, 12474
proteins 8282
roots 1494
seeds 1494
shedding 7142
yield components 8275, 9376, 9396-9397, 11534
yields 8251
Heterodera glycines 2437, 6027-6028, 7131, 7160-7161, 8292
reviews 9420
heterosis
quality 7146
yield components 7146, 8274, 8277, 12468
hybrid seed production 6011
in vitro selection
atrazine 9422
Fusarium solani 1504
herbicides 9422
photosynthesis 9422
induced mutations
β-conglycinin 466
growth period 9380
morphology 3706
nitrogenase 3715
nodulation 3715
oils 3714
palmitic acid 4831
proteins 3714
stearic acid 4830
yield components 3706, 8261, 8276
insects 4844-4845
interspecific hybridization 458, 6016, 7133, 8260, 8280, 9376, 9400, 12460
iron 467, 9402
isoenzymes 2420, 2423
isoflavones 7151
juvenility 11527
latitude 10421
leaves 3708, 9391
linkage
aconitate hydratase 10414
chlorimuron 11546
colour 4841, 10405
dihydrolipoamide dehydrogenase 10413
growth period 9379
herbicides 11546
Heterodera glycines 6024
isoenzymes 10437
malate dehydrogenase 4824
male sterility 10405

Glycine max cont.
linkage *cont.*
necroses 10437
nodulation 10426
phosphogluconate dehydrogenase 10415
plant hairs 9379
quantitative traits 11546
Sclerotinia sclerotiorum 4841
seeds 4824
sterility 10404
lipoxygenase 2423, 7141
male sterility 6011
manganese 468
Meloidogyne arenaria 473
mitochondrial genetics
cytoplasm 10400
oxidoreductases 11523
molecular genetics 459, 4816, 10399
aspartic proteinases 12464
atrazine 9422
calmodulin 9383
β-glucan 11543
herbicides 9422
photosynthesis 9422
Phytophthora sojae 11543
protein kinase 9383
multivariate analysis
fatty acids 2426
yield components 2422
mutagens 3706, 3714
mutations
atrazine 9422
chlorophyll 11528
colour 10417
fasciation 10420
fertility 2419
flowers 10417
fluorescence 10416
height 12467
herbicides 9422
internodes 9385
isoenzymes 12465, 12471
lectins 10410
linolenic acid 7149
lipoxygenase 2424, 12465, 12471
male sterility 7139
naringenin-chalcone synthase 463
necroses 8291
nodulation 1502, 9400, 11532
oleic acid 1500
photosynthesis 9422, 11528
Phytophthora sojae 4842
roots 10416
seeds 463
source sink relations 11532
stems 9385, 12467
sterility 10406
Myrothecium roridum 2436
natural selection
morphology 8253
quantitative traits 8253
Nematoda 6026
Nezara viridula 12477
nitrogen 12463
nitrogen fixation 9405, 12475
nodulation 1501
nucleotide sequences
S-adenosyl-L-methionine:Δ^{24}-sterol-C-methyltransferase 6007
aspartate-ammonia ligase 6008
choline kinase 3702
cold resistance 10429
development 11525
diseases 2434
ferritin 6006
glycinamide ribonucleotide transformylase 3704
nodulins 12473
phosphoribosylamine-glycine ligase 3704
phylogeny 6006
Phytophthora sojae 10435
protein kinase 12458
proteins 1490, 4818
ribosomes 10410
thioredoxins 3703
UDPglucose 6-dehydrogenase 6010
urate oxidase 7135
nutrients 467, 8284, 9398, 9402, 12463
oils 4833

***Glycine max* cont.**
Ophiomyia shibatsujii 476
outcrossing 9378
pendimethalin 8290
Pentatomidae 3718
peroxidases 8285, 10412
techniques 4822
Phakopsora pachyrhizi 9411, 10433
Phialophora gregata 471, 11542
Phomopsis 470
photoperiodism 461, 4829, 9390, 11531, 12462, 12466
photosynthesis 460, 3708, 4821
Phytophthora 8256
Phytophthora macrochlamydospora 3717
Piezodorus hybneri 12477
plant disorders 8290
plant hairs 475, 9384, 10443
plant introduction 4813, 9368
pleiotropy
colour 9393
flowers 9393
seeds 9393
sterility 10404
pollen culture 3712
pollination 9378
polymerase chain reaction
diseases 2435
linolenic acid 7148
salinity 9407
stearoyl-CoA desaturase 7148
polymorphism, isoenzymes 1493
Pratylenchus brachyurus 4843
proteins 6015, 6017, 7152-7153, 8271, 8279, 11535
Pseudomonas syringae 7157
quality 2427, 7150, 7152, 9389, 12470
quantitative traits 9391
random amplified polymorphic DNA 4816, 4819, 7134, 8257, 9409
Fusarium solani 11541
Heterodera glycines 11541
hybridization 7123
seed testing 4450
variety classification 4817
reciprocal effects 1491
restriction fragment length polymorphism 7134, 8257-8258, 10397, 11526, 12468
chlorimuron 11546
cytoplasm 10400
drought resistance 2432
herbicides 11546
Heterodera glycines 6024-6025, 10439
Meloidogyne javanica 11545
oils 1499, 8281
Phytophthora sojae 9415-9416
proteins 1499, 8281
quantitative traits 458, 3709, 11546
recombination 3705
seeds 1499, 3709, 8281
Rhizoctonia solani 10432
Riptortus 12477
Rotylenchulus reniformis 6029
salicylic acid 7157
salinity 10428
Sclerotinia sclerotiorum 9412
seed production 7144
seed testing 4828
seeds 3711, 7143, 8266-8267, 8271, 8279, 9381, 10419, 10425
senescence 4820
shade 11529
soil toxicity 7871
somaclonal variation, leaves 10411
source sink relations 460
sowing date 3699, 4836, 11527, 11538
soybean mosaic potyvirus 9418
soybean yellow mosaic virus 1505
Spodoptera litura 1506
stability
mathematics 10421, 11540
oils 9404
yield components 10421
yields 9404, 10427
starch 7152
stems 7145
storage, seeds 2431, 3710, 4823, 10408
stress 467, 469, 8285
sugars 11535

***Glycine max* cont.**
sulfur 12463
superoxide dismutase 8285
tillage 7155
tissue culture 465, 8278
tobacco ringspot nepovirus 11544
toxic substances 468, 7871
Trialeurodes abutiloneus 10441
variety classification 6014-6015, 7143
variety trials 453, 3699, 4814-4815, 12185
water balance 469, 4838
waterlogging 2433
weathering 2430
wide hybridization 9368
X radiation 4830
Xanthomonas campestris 8256
yield components 8266, 10419
yield correlations 464, 2421, 7145, 7147, 8275, 9395-9397, 11538
yields 9389
varieties 11522, 12456
AC Bravor 1486
AC Harmony 1488
AC Hercule 11521
ADT1 454
Arunta 7126
Cang 8110-251 3700
Cawana 8256
Cisne 7129
Co2 455
D89-9822 9372
Danbaegkong 6002
Geumgangkong 9374
HL92 12457
Hwasongputdong 1485
Iroquois 7132
Jilin-29 7127
Jilin-30 7127
Jinpumkong 9373
Jutro 456
Kwangankong 6003
LN90-4524 7131
Ludou-9 3701
Macon 7130
Maple Glen 1487
Monte Redondo 10398
NH3-30-1 8256
Pureunkong 6004
Ryuhou 6000
Seokryangputkong 6005
Soya-351 8254
Soya-521 8255
Soyangkong 1484
Suzunone 6001
Xiaohanwang 7128
Glycine-rich proteins
Vicia faba
gene expression 6034
nucleotide sequences 6034
Glycine soja
chloroplast genetics 8258
combining ability, yield components 9376
esterases 2420
evolution 3711
gene banks 8252
gene mapping 1489
quantitative traits 458
genetic resources 1483
genetic variation, isoenzymes 9386
genetics, globulins 4832
growth period 8270, 9388
heat shock proteins 10430
heritability, yield components 9376
heterozygosity, isoenzymes 4826
interspecific hybridization 458, 7133, 8280, 9376, 9400, 12460
isoenzymes 2420
latitude 10421
outcrossing 7138
photoperiodism 8270
random amplified polymorphic DNA 8259
restriction fragment length polymorphism 8258-8259
quantitative traits 458
salinity 9406
seeds 3711
stability
mathematics 10421

***Glycine soja* cont.**
stability *cont.*
yield components 10421
***Glycine tomentella*,** genetics, proteinase inhibitors 4825
Glycine* (x) *Nicotiana
polymorphism, isoenzymes 1493
protoplast fusion 1493
Glycinin, *Glycine max* 12470
Glycoalkaloids
Solanum chacoense 4928
Solanum tuberosum, genetic transformation 11604
Glycoproteins
Brassica campestris, gene expression 1776
Nicotiana tabacum
gene expression 1776
genetic transformation 1776
Pisum sativum
gene expression 2459
molecular genetics 2459
Zea mays
gene expression 11335
genetic transformation 11335
Glycosides, *Citrus sinensis* 10742
***Glycyrrhiza echinata*,** nucleotide sequences, cytochromes 12033
***Glycyrrhiza glabra*,** nucleotide sequences, squalene synthase 4292
Glyoxalase
Arabidopsis thaliana
genetic engineering 6627
nucleotide sequences 6627
Glyoxysomal ascorbate peroxidase, *Gossypium hirsutum,* gene expression 7595
Glyphosate
Beta vulgaris
genetic engineering 1841
sugarbeet, genetic transformation 8681
Glycine max, genetic engineering 6031
Gossypium hirsutum, genetic transformation 1871, 6353-6354
Hordeum vulgare, in vitro selection 4569
Oryza sativa 5947
Phaseolus vulgaris, stability 1521
***Gmelina arborea*,** tissue culture 5303
Goodyera biflora
chemotaxonomy 11045
phenolic compounds 11045
Goodyera repens
chemotaxonomy 11045
phenolic compounds 11045
Gossypium
abnormal development 942
boron 12836
breeding 4134, 7586, 10868, 11901
calcium 12836
Campylomma livida 11910
chemotaxonomy 1872
Creontiades dilutus 11910
diseases 7608
drought resistance, reviews 2899
embryo culture 10872
evolution, ribosomal DNA 10878
experimental design, variety trials 8709
fluorescence *in situ* hybridization, ribosomal DNA 8717
Fusarium 7608
genetic markers 4133
genetic transformation
Helicoverpa armigera 8744
herbicides 8747
genetics, plant glands 8726
genotype environment interaction 7605
germination 944
gossypol 4144
growth period 7586
Helicoverpa 11910
Helicoverpa zea 6352
herbicides 11911
heterosis, yield components 7600
hybrid seed production 4133, 6347
economics 932
interspecific hybridization 4134, 7592, 8726, 11903, 11909
lethals 8726
linkage, plant glands 8726
male sterility 6348
molecular genetics, databases 8716

Gossypium *cont.*
multivariate analysis, growth period 7596
nucleotide sequences, ribosomal DNA 10878
nutrients 12836
outcrossing 6347
plant glands 4144, 6349
prometryn 11911
proteins 1872
quality 8711, 8734
techniques 11906-11907
random amplified polymorphic DNA 11903
salinity 944
seeds 2882
taxonomy 11908
tissue culture 942, 4142
Verticillium 7608
yield correlations 7596
varieties
CRI23 7589
CRI24 2864
CRI25 7590
DP5432 8711
Laiomian-12 2863
Shiyuan 321 12832
Sicot-189 8712
Siokra S101 8712
Zhemian-10 6344
Gossypium anomalum, interspecific hybridization 9767
Gossypium arboreum
centres of diversity 8722
combining ability, yield components 7601
gene expression
cadinene synthase 2872, 4136
phytoalexins 4146
genetic variance, yield components 7601
genetics
isoenzymes 2878
peroxidases 2878
interspecific hybridization 2878
molecular genetics, cadinene synthase 4136
proteins 8722
random amplified polymorphic DNA 5256
seeds 8722
stability, yield components 7604
varieties, LD491 11902
Gossypium armourianum, interspecific hybridization 10872
Gossypium barbadense
artificial selection
quality 8736
yields 8736
backcrossing, anthocyanins 8727
breeding 7587, 10871
combining ability
quality 8731
yield components 8731
development 936
embryo sac 2876
embryology 2876
fertilization 2876
flowers 4139
gamma radiation 8724
gene expression, fibres 6345
genetic distance 10871
genetics
anthocyanins 8727
growth period 4141
yield components 8724
genotype environment interaction
quality 8736
yield components 8732
yields 8736
herbicides 946
heritability
quality 8736
yield components 8732, 10875
yields 8736
heterosis
quality 8731
yield components 8731
immunology 7598
induced mutations, yield components 8724
interspecific hybridization 4141, 8727, 8731, 12832

Gossypium barbadense *cont.*
leaves 7599
multivariate analysis, yield components 10875
nucleotide sequences, fibres 6345
ovules, techniques 10873
photosynthesis 946
prometryn 946
proteins 7598
recombination
incompatibility 8720
seeds 8720
translocation 936
Gossypium harknessii
cytoplasmic male sterility 7594
interspecific hybridization 10872
Gossypium herbaceum, cytology 6346
Gossypium hirsutum
aneuploidy 2874, 4138, 5257
artificial selection 1867
Anthonomus grandis 2903
Fusarium oxysporum 7606
Verticillium dahliae 7606
yield components 1868
backcrossing, anthocyanins 8727
Bemisia argentifolii 6351
Bemisia tabaci 2902
biosafety 6354
breeding 2857-2858, 7587, 8707, 10871, 12830
history 9761, 10867
bromoxynil 8746
canopy 9772
cell culture 941
chromosome addition, *Rotylenchulus reniformis* 11909
chromosome pairing 933-934
chromosome transmission 4138, 5257
cold resistance 6350
techniques 2898
combining ability
Fusarium 7607
quality 8731, 12835
seedlings 8725
Verticillium dahliae 7607
yield components 2886-2887, 8729, 8731, 11905
yields 12834
crop density 9765
cryopreservation 941, 6670
development 936, 5258
diseases 8738-8739
dry matter 9773
embryo sac 5257
epistasis, yield components 7597
fibres 1871, 5258
flowers 2879, 4139
fluorescence *in situ* hybridization, aneuploidy 7593
fluorescence *in situ* hybridization, chromosome pairing 935
Fusarium oxysporum 2900
multivariate analysis 7602
gene expression
abscission 2873
adenosinetriphosphatase 2890
cellulose 4137
chitinase 930
enzymes 8728
fibres 8728
β-glucanase 930
glyoxysomal ascorbate peroxidase 7595
GTPase 9766
isocitrate lyase 7432
proteins 9763, 10874
quality 2890
ribulose-bisphosphate carboxylase activase 2884
genetic distance 10871
genetic engineering
Bacillus thuringiensis 12838
insects 12838
genetic resources 5253
genetic transformation 8713, 8715
acetoacetyl-CoA reductase 4143
acetolactate synthase 4148
acetyl-CoA *C*-acyltransferase 4143
Bacillus thuringiensis 1871, 8742
bromoxynil 8714, 8745
glyphosate 1871, 6353-6354

Gossypium hirsutum *cont.*
genetic transformation *cont.*
Heliothis virescens 8742
herbicides 4148, 8707, 8714, 8745
insects 8707, 8714
polyhydroxyalkanoate synthase 4143
genetic variance
quality 943, 2885
yield components 938-939, 2885, 8729, 8733
genetics
anthocyanins 8727
chlorophyll 8723
cytoplasmic male sterility 11904
growth period 4141
isoenzymes 2878
peroxidases 2878
plant glands 2881
seedlings 8725
genomes 933-934
genotype environment interaction, growth period 2894
germplasm releases 2859-2861, 7588
growth period 2883, 2896
Helicoverpa armigera 9771, 10882
herbicides 946, 8746
heritability
Fusarium 7607
quality 2885, 8730
Verticillium dahliae 7607
yield components 939, 2885, 8730, 10875
heterosis
ATP 12833
quality 2888, 8731, 12835
yield components 940, 2888, 8731
yields 12833
hybrid seed production 8719, 12830
hybrid varieties 12830
immunology 7598
in vitro selection
Fusarium oxysporum 9769
oxidants 4145
salinity 4145
insects 2904, 5259-5260
interspecific hybridization 933-934, 2878, 4141, 8727, 8731, 9764, 9767, 10872, 11909, 12832
leaves 7599, 9772
Lepidoptera 8743, 10881
low input agriculture 2892
mathematics, chromosome pairing 935
Meloidogyne incognita 1873, 2900
molecular genetics
abscission 2873
ribulose-bisphosphate carboxylase activase 2884
multivariate analysis, yield components 10875
mutations
fuzz 12835
height 937
quantitative traits 2877
Noctuidae 9770
nucleotide sequences
cellulose 4137
chitinase 930
β-glucanase 930
lipid transfer proteins 2870
proline-rich proteins 2871
proteins 9763, 10874
nutrients 2896
outcrossing 9765
peroxidases 2901
pests 8738
photosynthesis 946, 9772
plant composition 937, 6354
plant glands 10882
plant hairs 6351
plant introduction 5253, 8708
pollination 8719
polyploidy 8718
potassium 2896
prometryn 946
proteins 5258, 7598
protoplast culture 8718
Pythium ultimum 2900
quality 1871, 2889, 2891, 7603, 8735, 10877
random amplified polymorphic DNA 5256

***Gossypium hirsutum** cont.*
recombination
incompatibility 2875, 8720
seeds 2875, 8720
roots 1869, 6350
salinity 12837
secondary metabolites 9771
seed production 9760
seed testing 4140
soil compaction 8737
somaclonal variation
herbicides 10883
primisulfuron 10883
stability 10879
statistics 10880
yield components 9768
yields 2893, 2895
stress 2897
sugars 10877
symbiosis 8738
terpenoids 8721
Tetranychus urticae 9772-9773
tissue culture 941, 10876
translocation 936
variety trials 2862, 2892, 4135, 8708, 8740, 10869, 12831
Verticillium dahliae 2901, 4147, 8740-8741
water balance 2880
yield components 9773
multivariate analysis 7602
yield correlations 1870, 2885
yields 2880
varieties
BXN-58 8710
El Dorado 2867
H1277 2865
H1560 2865
Lumian-11 7591
Nantongmian 13 9762
PM-183 2866
PM-280 2866
Rainbow-34 5254
Rainbow-39 5255
Sicot-189 2868
Siokra S-101 2869
ST-474 8710
Xinluzao 5 10870
Gossypium klotzschianum, interspecific hybridization 9764
Gossypium longicalyx
chromosome addition, *Rotylenchulus reniformis* 11909
interspecific hybridization 11909
Gossypium raimondii, interspecific hybridization 10872
Gossypium thurberi, interspecific hybridization 12832
Gossypol, *Gossypium* 4144
Gourds (*see* Cucurbitaceae)
Grabowskia, pollen 10998
Gracilaria
DNA 2007, 5481
random amplified polymorphic DNA 5479
Gracilaria chilensis, random amplified polymorphic DNA 5479
Gracilaria verrucosa, induced mutations 1131
Gracilariopsis, DNA 2007
Graft hybridization, *Cicer arietinum* 11571
Grafting
Petunia hybrida 3071
Pisum sativum 494
Prunus armeniaca 705
Grain legumes
breeding, books 11115
diseases 8250
drought resistance 3696-3697
gene banks 2416
genetic distance 7185
genetic engineering
amino acids 12454
nutritive value 12454
genetic resources 2416
conferences 2015
genetics, books 11115
growth period 1255
ideotypes 11518
quality 3695
soil pH 450
Gramineae (*see* Poaceae)
Grapevine chrome mosaic nepovirus, *Vitis,* genetic transformation 12677
Grasses
anthers 4759
apomixis 12418
artificial selection, nutritive value 403
breeding 8194, 8830, 9323
history 8196
chloroplast genetics, phylogeny 3653
chromosome number 9337
domestication 8194
gene banks 8195, 10343
gene expression
dormancy 4489
phosphoenolpyruvate carboxylase 4758
ribulose-bisphosphate carboxylase 4758
seeds 4489
self incompatibility 10360
genetic resources 8189
gynoecium 4760
lawns and turf 8830
molecular genetics, self incompatibility 10360
photosynthesis, evolution 4758
repetitive DNA, evolution 4776
seed production 8197-8198, 8830
history 8196
taxonomy 4759-4760
books 1147
tillering 8198
tissue culture 11458
Grateloupia dichotoma, tissue culture 4324
Grazing
Elymus spicatus 11480
Lolium perenne 9330
Phalaris aquatica 10365
Trifolium repens 434, 1467, 10383
Grevillea
varieties
Dot Brown 5337
Golden Yul Lo 1915
Landcare 3018
Piccolo Pink 3018
Grevillea juniperina, varieties, Allyn Radiance 8812
Grevillea pauciflora, taxonomy 6439
Grevillea robusta, yield correlations 1892
Growth (*see* Development)
Growth period
Arabidopsis thaliana, mutations 4410
Arachis hypogaea 10811
genetics 10810
Beta vulgaris
sugarbeet 5224
artificial selection 5226
Brassica napus, rape 11789
Brassica oleracea, cauliflowers, genetics 3837
Cajanus cajan 3774, 4881, 8341, 9471, 9474, 9485
genetics 9475
germplasm releases 9481
cereals 1255
Chamaecytisus 11989
Chenopodium quinoa 12411
Cicer arietinum, germplasm releases 9453
Cytisophyllum 11989
Cytisus 11989
Dactylis glomerata 8199-8200
Genista 11989
Glycine max 1496, 9369, 9389, 9395, 11527, 11529, 11531
genetic transformation 2418
induced mutations 9380
linkage 9379
mathematics 4827
Glycine soja 8270, 9388
Gossypium 7586
multivariate analysis 7596
Gossypium barbadense, genetics 4141
Gossypium hirsutum 2883, 2896
genetics 4141
genotype environment interaction 2894
grain legumes 1255
Helianthus 7487
Helianthus annuus 7487
Growth period *cont.*
Helianthus annuus cont.
artificial selection 2752
Hibiscus cannabinus 947
Hordeum vulgare 1326
chromosome addition 12237
chromosome substitution 11227
combining ability 5676
genetics 12237
Limonium sinuatum, artificial selection 6475
Lolium perenne 8208
Lycopersicon esculentum, multivariate analysis 1656
Musa
artificial selection 6214
induced mutations 6214
Oryza sativa 5903, 5905, 7003
gene location 11420
genetics 4715
induced mutations 362, 4708
Panicum virgatum 11389
Paspalum scrobiculatum, genotype environment interaction 9338
Pennisetum glaucum, heterosis 11394
Phleum pratense 11489
Populus trichocarpa 9790
Prunus, apricots 715-716
Prunus avium 11718
Prunus cerasus 11717
Prunus persica 8489
Quercus suber 10908
Saccharum officinarum, artificial selection 870, 12784
Sesamum indicum 10817
Solanum tuberosum 3794, 8380
Spinacia oleracea 9537
Triticum aestivum 7953, 9154
chromosome addition 12226, 12237
chromosome substitution 11227
combining ability 7947
genetics 5630, 12237
heritability 5630
Vicia faba, genetic variance 2443
Vigna unguiculata 8348
Zea mays 234, 236, 3426, 3494, 3520, 6920, 9248
artificial selection 4612
genetic variance 3439, 3468, 6934
genotype environment interaction 2267
heritability 6934
heterosis 3439
popcorn 8067
Growth regulators
Actinidia chinensis, gene expression 9617
Arabidopsis thaliana 5563
gene expression 6658, 7837, 9082, 12148, 12192
gene mapping 4424
genetics 4420
induced mutations 2105, 4420, 11176
molecular genetics 9032-9033
mutations 2096, 3218, 3225, 3230, 3242, 4428, 5553, 6655, 7836-7837, 9014, 9017, 9019, 9026-9027, 9029, 9033, 9036, 9082, 9974, 11187
nucleotide sequences 9962
Beta vulgaris
beetroots
genetics 10567
mutations 10567
sugarbeet 9706
Brassica campestris, turnip rape 10578
Brassica napus
rape 8565
genetic transformation 1778
heterosis 833
Brassica nigra 10578
Brassica oleracea, cauliflowers 10578
Cucumis melo 2617
gene expression 7335
genetic transformation 7335
Cucumis sativus 5070
gene expression 1706
nucleotide sequences 1706
Dianthus caryophyllus, gene expression 9835, 12188
fruit crops 10640

Growth regulators *cont.*
gene expression 2054, 3168, 12095, 12188-12189, 12196
reviews 9082, 9922
genetics 3167
Glycine max 4820, 7144, 7157, 12466
Hevea brasiliensis 9781
Hordeum vulgare
gene expression 5672, 9164
genetics 3376
mutations 3374, 9165
Hosta 11054
Lycopersicon esculentum 603, 12604
gene expression 3867, 12188
mutations 3290, 3877, 6137, 9552, 9559
Medicago sativa 9348
gene expression 12435
nucleotide sequences 12435
Medicago truncatula, induced mutations 5980
molecular genetics, reviews 9082, 9922
Musa 8518
mutations 3168, 10023, 12187, 12190-12191, 12196
Nicotiana tabacum 5241
gene expression 6325, 6330, 8702, 11889, 11896
genetic transformation 4122, 6325, 10859, 11143, 11889
Oryza sativa 2340, 8149
gene expression 3579, 10339
genetic transformation 3579
Pelargonium hortorum 1049
gene expression 12920
Petunia hybrida 6486
Pinus sylvestris, genetic transformation 11143
Pisum sativum
gene expression 3751
molecular genetics 3751
mutations 2461
Populus 5289
genetic transformation 11143
Populus nigra, molecular genetics 4168
Prunus persica 7387
Pyrus communis
gene expression 8476
nucleotide sequences 8476
Solanum phureja, mutations 3290
Solanum tuberosum 2491
gene expression 8383
genetic transformation 8379
Sorghum bicolor 6965
Tripsacum × *Triticum* 12206
Triticum aestivum 2155, 4513, 5625, 10071, 11274
genetic markers 5599
genetics 3329
pleiotropy 11249
somaclonal variation 10077
Triticum durum 2155
Triticum × *Zea* 12206
Vaccinium ashei 11741
Vitis 776
Vitis vinifera 7398
genetic transformation 7397
Zea mays 3480, 4603, 5756, 6924, 9209
artificial selection 5748, 10209
gene expression 6910, 9082, 10200, 12192
gene mapping 9233-9234
genetic markers 5599
heritability 9233
mutations 9082, 10200
nucleotide sequences 10200
restriction fragment length polymorphism 9233-9234
GTP-binding proteins
Arabidopsis thaliana
gene expression 48
nucleotide sequences 48
Nicotiana tabacum
gene expression 48
nucleotide sequences 48
GTPase, *Gossypium hirsutum,* gene expression 9766
Guazuma crinita
cryopreservation 12887
tissue culture 7636
Guizotia
cytotaxonomy 5211
fatty acids 10823
oils 10823
Guizotia abyssinica
anther culture 11844
ethyl methanesulfonate 8612
evolution 5211
fatty acids 10823
gamma radiation 8612
heritability, yield components 7523
induced mutations 8612
methyl methanesulfonate 8612
mutagens 8612
oils 10823
tissue culture 4085, 6298
Gummosis, *Prunus persica* 5113
Gymnocalycium, pollen 11053
Gymnosperms
chloroplast genetics
evolution 100
NADH dehydrogenase 3277
ribulose-bisphosphate carboxylase 100
chromosome morphology 10969
chromosomes, techniques 9800
evolution, NADH dehydrogenase 3277
genetic markers, proteins 985
nucleotide sequences, taxonomy 3283, 5330
Gynoecium
Aquilegia caerulea 5402
Aquilegia ecalcarata 5402
Arabidopsis 6646
Brassicaceae 4444
Cenchrus ciliaris
gene expression 4777
nucleotide sequences 4777
Crataegus 3944
grasses 4760
Hevea brasiliensis, clonal variation 949
Impatiens 7684
Nicotiana tabacum, genetic transformation 2840
Oryza sativa 12374
Papaveraceae 4444
Phacelia dubia, mutations 6471
Pisum sativum 4869
Protea 5351
Prunus armeniaca 698, 700
Solanum tuberosum
gene expression 8377
nucleotide sequences 8377
Gynostemma
chromosome number 10631
polyploidy 10631
Gypsophila, inflorescences 11988
Gypsophila paniculata, tissue culture 1958
Habenaria
chemotaxonomy 11046
phenolic compounds 11046
Habit
Acacia mangium 5293
Acer pseudoplatanus 6380
Arabidopsis thaliana, mutations 4410
Arachis hypogaea, genetics 8605, 12769
Brassica chinensis, genetics 9534
Brassica juncea 7458
Brassica napus, rape 12729
Capsicum annuum 632
Cicer arietinum, genetics 1535
Cicer reticulatum, genetics 1535
Citrus reticulata
genetics 10743
pleiotropy 10743
Citrus sinensis
genetics 10743
pleiotropy 10743
Cucumis sativus, induced mutations 1710
Cucurbita pepo, genetics 7340
Fagus sylvatica, artificial selection 2939
Glycine max, genetics 1497
Hevea brasiliensis 950
Lycopersicon esculentum 608
Malus pumila, genetic markers 10660
ornamental plants, molecular genetics 3028
Oryza sativa
genetics 10316
restriction fragment length polymorphism 10316
Habit *cont.*
Petunia hybrida
induced mutations 3071
mutations 3072
Phaseolus vulgaris 10454
Picea abies 4205
Pinus sylvestris 6403, 10960
Pisum sativum, mutations 6058
Prunus cerasus 11724
Prunus persica 7385
Pyrus communis, induced mutations 6182
Triticum aestivum
genetics 2153
modifiers 2153
stability 2153
Triticum turgidum
genetics 2153
modifiers 2153
stability 2153
Vigna unguiculata 10501
Zea mays
gene expression 6940
gene mapping 5758
mutations 5758, 5796
pleiotropy 5758
Haemoglobin
Lotus corniculatus, genetic transformation 9354
Nicotiana tabacum
gene expression 6343
genetic engineering 6321
genetic transformation 6343, 7562
Parasponia andersonii
gene expression 9354
promoters 9354
Trema tomentosa
gene expression 9354
promoters 9354
Hairs (*see* Plant hairs)
Halimodendron holodendron, chromosome morphology 7659
Hamamelis, random amplified polymorphic DNA, variety classification 12919
Hamatocactus setispinus
chromosome aberrations 3109
gamma radiation 3109
induced mutations 3109
methyl methanesulfonate 3109
mutagens 3109
Hanabusaya asiatica, tissue culture 9842
Haploidy
Actinidia deliciosa 9616
Allium cepa 571-573, 3831, 8416
anther culture, reviews 5586
Apium graveolens 7298
Asparagus officinalis 4987
Atriplex glauca 400
Beta vulgaris, sugarbeet 4096-4097
Brassica, reviews 4040-4041
Brassica napus, rape 831, 4096, 7451, 7475
Bupleurum falcatum 7716
Capsicum 3894
Capsicum annuum 634, 1678
cereals, books 9919
Citrus 796
Coffea 4107
crops, books 4339, 9920
Cucumis melo 10622
Cucumis sativus 2647, 3906
forest trees, reviews 4159
Fragaria ananassa 765, 3971
Gerbera jamesonii 6476
Ginkgo biloba 4211
Glycine max 3712
Hordeum vulgare 10103
Lilium 7696
Lolium perenne 3656
Malus pumila 3928
Medicago sativa 3675
Nicotiana tabacum 6334, 7576
Oryza sativa 2346, 2358, 4735, 12390
Pinus palustris 10954
pollen culture, reviews 5586
Quercus suber 9783
reviews 11203, 11209
Rosa 7668
Rosa hybrida, induced mutations 12958
Saccharum officinarum 4090
Sinocalamus latiflora 4321
Solanum chacoense 8376

Haploidy *cont.*
Solanum melongena 3887
Solanum phureja 538
paternal effects 4906
Solanum tuberosum 538, 3791, 8375, 11598, 12202
paternal effects 4906
subtropical fruits 3289
temperate fruits 3289
triticale 11326
Triticum aestivum 1277, 3313, 4494, 6717, 7929, 12224
Triticum durum 11247
Triticum × *Zea* 3311, 4479, 12222
chromosome elimination 2143
tropical fruits 3289
Vitis 3981
Zantedeschia aethiopica 1084
Zea mays 271, 3460, 5744, 10175, 10185, 10187, 12315
Hard seeds
Glycine max 2430
Phaseolus vulgaris 6044
Triticum aestivum 152
Harvest index
Arachis hypogaea, heritability 1825
Triticum aestivum 3337
combining ability 7958, 10055
Triticum durum, epistasis 6730
Harvesting (*see also* Mechanical harvesting)
Cannabis sativa 10890
Cucumis melo 10623
Cucumis sativus 647
Festuca pratensis 7081
Festuca × *Lolium* 7081
Glycine max 4823
Lolium perenne 7081
Malus pumila 663
Secale cereale 5694
Haworthia, taxonomy 5448, 6524, 12031
Haworthia fasciata, cytology 1981
Haworthia limifolia, cytology 1981
Heat
Hordeum vulgare, genetics 5675
Lycopersicon esculentum, molecular genetics 9568
Phaseolus vulgaris 482
Heat resistance
Aegilops 12270
Agrostis stolonifera 2389
Allium cepa 12583
Asparagus officinalis 4995
Brassica 3838-3839
Brassica chinensis, in vitro selection 581
Brassica oleracea, cabbages 4968
Brassica pekinensis 2546
Festuca × *Lolium,* genetics 9332
Fragaria chiloensis 11744
Fragaria virginiana 11744
Fragaria viridis 11744
Hevea brasiliensis 8775
Hordeum vulgare, genetics 220
Lycopersicon esculentum 5029, 6678, 7319
genetics 5027
Malus 3934
Oryza sativa 3620, 3629
Phaseolus vulgaris 8311
Poa pratensis 9324
Pyrus communis 6184
Solanum tuberosum 6678
Sorghum bicolor 11382
Triticum aestivum 4511, 6726, 6754, 9144, 9152, 10071, 11279, 12269
gene location 168
induced mutations 11275
Triticum dicoccoides 12270
Triticum durum 12269-12270
Vigna unguiculata 9489, 11581
Zea mays 3507
Heat shock
Agrostis stolonifera 2389
gene expression 3160
Hordeum vulgare
gene expression 2210
genetic engineering 2210
Nicotiana tabacum
gene expression 2210
genetic transformation 2210
Zea mays
DNA hybridization 2283
Heat shock *cont.*
Zea mays cont.
gene expression 2283
Heat shock proteins
Arabidopsis thaliana
gene expression 3242, 9992
mitochondrial genetics 9992
mutations 3242
nucleotide sequences 9992
Brassica napus, rape, gene expression 1785
Glycine soja 10430
Lycopersicon esculentum
gene expression 3860, 7313, 8430
molecular genetics 3860, 9550
nucleotide sequences 7313, 8430
Nicotiana tabacum
gene expression 9252
genetic transformation 3754, 9252
Oryza, gene expression 11437
Oryza sativa, gene expression 11437, 11442
Petroselinum crispum
gene expression 6544
nucleotide sequences 6544
Picea glauca
gene expression 1905
nucleotide sequences 1905
Pisum sativum
gene expression 3754, 8320, 10465
mitochondrial genetics 3754, 8320
nucleotide sequences 8320, 10465
Zea mays
gene expression 3509, 9252, 10219, 10247-10250
genetic engineering 9252
Heat sums
Brassica campestris 11808
Brassica napus, rape 11808
Lolium perenne 9326
Oryza sativa 5903
Prunus dulcis 9649
Heavy metals
Allium cepa 6106
Armeria maritima 7673
Hordeum vulgare 200-201
Pisum sativum 7176
Salix 12882
Solanum tuberosum 4918
vegetables 2119
Hedera
shade 6421
variety trials 6421
Height
Arabidopsis thaliana
gene mapping 5552
molecular genetics 5552
mutations 4410, 5552
Avena sativa, genetics 3396
Beta vulgaris
beetroots
genetics 10567
mutations 10567
Brassica campestris, sarson, genetics 7464
Brassica napus, genetics 4048
Cajanus cajan 10493
Capsicum annuum 632
Carthamus tinctorius
linkage 12746
mutations 12746
cereals, artificial selection 12072
crops, artificial selection 12072
Cryptomeria japonica, linkage 5327
Cucumis sativus, induced mutations 1710
Elymus repens, random amplified polymorphic DNA 12425
Eucalyptus globulus, heritability 5280
Eucalyptus nitens
gene mapping 8778
restriction fragment length polymorphism 8778
Glycine max
genetics 11533, 12467
heritability 8251
mutations 12467
Gossypium hirsutum, mutations 937
Helianthus annuus, artificial selection 2752
Hordeum vulgare 10114-10115
gene mapping 3291
Height *cont.*
Hordeum vulgare cont.
genetics 2217
Lens culinaris, induced mutations 8321
Lupinus albus
genetics 8244
pleiotropy 3687
Lycopersicon esculentum
mutations 12604
nucleotide sequences 597
Musa
artificial selection 5139
induced mutations 1748
random amplified polymorphic DNA 7404
somaclonal variation 5139, 7404
Oryza sativa 1395
genetic markers 3608
genetics 365, 4712, 4716, 9297, 12377
heritability 4712
induced mutations 362, 4661, 4708, 9299
linkage 11436
modifiers 4712
mutations 4726, 7035
restriction fragment length polymorphism 3608
somaclonal variation 4716, 4726
Paspalum scrobiculatum, genotype environment interaction 9338
Pennisetum glaucum 12350
Pennisetum purpureum 12350
genetics 2308
pleiotropy 2308
Pinus elliottii, combining ability 4198
Pinus pinaster, gene mapping 12897
Pinus strobus
genotype environment interaction 10959
heritability 10959
Pinus sylvestris
genotype environment interaction 1004
heritability 1004
Pisum sativum 3751
mutations 8317
Poa pratensis 3043
Populus, artificial selection 4172
Prunus cerasus 11724
Prunus persica, genetics 10687
Pseudotsuga menziesii 10982
Ricinus communis 5193
Salix dasyclados, statistics 2947
Salix viminalis, statistics 2947
Secale cereale 5692
gene mapping 3291
Secale × *Triticum,* genetics 6865
Solanum tuberosum, artificial selection 3783
Sorghum bicolor 3534, 11375
genetic markers 10271
triticale, artificial selection 5696, 6860
triticale × *Triticum,* genetics 6868
Triticum aestivum 2158, 2160, 5625, 5634, 9123
aneuploidy 5626
artificial selection 9124
combining ability 11255
gene mapping 3291, 11254
genetics 3329, 5629, 10071, 11249
heterosis 11255
induced mutations 7995, 8005
mutations 3332
pleiotropy 5629
restriction fragment length polymorphism 11254
somaclonal variation 12235
transgression 6723
Vicia faba
genetics 478
mutations 478
Zea mays 11357
gene mapping 10208
genetic variance 3439
genetics 271, 5803, 10212
genotype environment interaction 2267
heterosis 3439
induced mutations 10208
mutations 5811, 10212

Height *cont.*
Zea mays cont.
restriction fragment length polymorphism 10208
Helianthus
anther culture 7492
breeding 7486
chloroplast genetics, phylogeny 10794
combining ability, yield components 1807
cytology, interspecific hybridization 847
cytoplasmic male sterility 7487
fungi 7487
gene expression
oxidoreductases 10788
phosphatidylcholine desaturase 9678
stearoyl-CoA desaturase 9678
genetic markers, hybridization 1801
genetic resources 7486
growth period 7487
interspecific hybridization 1807, 7487, 7492
nucleotide sequences
phosphatidylcholine desaturase 9678
stearoyl-CoA desaturase 9678
oils 7487
Orobanche cernua 2763
Orobanche cumana 7487
quality 1807
Sclerotinia sclerotiorum 11820
Helianthus annuus
albumins 852, 6257
Alternaria 2762
Alternaria helianthi 1812, 2759
amino acids 6257
amplified fragment length polymorphism 12740
anther culture 8596, 10793
artificial selection
drought resistance 11819
growth period 2752
height 2752
yields 2752
bifenox 845
biomass 1809
biotechnology 4058
reviews 5184
breeding 844, 7486
cadmium 7870
calcium 10796
combining ability
Diaporthe helianthi 11821
moisture content 8592
senescence 8592
tissue culture 4062
yield components 1810, 7491, 8593
cytoplasmic male sterility 7487, 11815
Diaporthe helianthi 2760, 10799
DNA 1803, 2755
DNA binding proteins 2756
drought resistance 854, 7490, 8595, 9682
electrical treatment 11818
ethephon 10787
ethyl methanesulfonate 7491
fungi 855, 7487
gametocides 10787
gamma radiation 1806, 2757
gene expression 4059
ACC oxidase 12741
cytochrome *c* 9677
cytoplasmic male sterility 1798
development 2754
flowers 2754
phosphatidylcholine desaturase 9678
stearoyl-CoA desaturase 9678
gene flow 12742
gene mapping 1799
oils 6254
Plasmopara halstedii 856
seeds 6254
genetic engineering 4058
DNA binding proteins 10549
genetic resources 844, 7486
genetic transformation 4059
genetic variance
Diaporthe helianthi 11821
moisture content 8592
senescence 6255, 8592
genetic variation, isoenzymes 1808
genetics 844
chlorophyll 10790
Helianthus annuus cont.
genetics *cont.*
colour 848
cytoplasmic male sterility 1804
oleic acid 2758
pollen 848
regenerative ability 11817
seeds 6256
self compatibility 7488-7489
superoxide dismutase 12744
genotype environment interaction 854
quality 10795
seeds 10795
germination 1805, 5185
growth period 7487
herbicides 845
heterosis, yield components 849, 7491, 10786, 10791
hybrid seed production 7489
hydroxylamine 2757
in vitro selection, *Alternaria alternata* 5186
in vitro selection, drought resistance 12745
in vitro selection, salinity 10798
induced mutations 12743
chlorophyll 1806
leaves 1806
seeds 2757
yield components 7491
interspecific hybridization 1802, 5187, 7487, 10789, 10799, 12168, 12745
male sterility 10787
N-methyl-*N*-nitrosourea 2757
mitochondrial genetics 1799
cytoplasmic male sterility 1798
mutagens 2757, 7491, 12743
mutations, chlorophyll 849
nucleocytoplasmic interaction, regenerative ability 11817
nucleotide sequences
ACC oxidase 12741
apocytochrome *b* 10785
cytochrome *c* 9677
development 2754
DNA binding proteins 10549
flowers 2754
oxidoreductases 6253
phosphatidylcholine desaturase 9678
stearoyl-CoA desaturase 9678
oils 5185, 7487
oleic acid 9678
ornamental value 8594
Orobanche cumana 7487, 8597
photosynthesis 854
Plasmopara halstedii 1813, 2761
pollen 2756
pollination 7489
polymerase chain reaction, cytoplasmic male sterility 4060
polymorphism, isoenzymes 10789
protoplast culture 4060, 7494-7495, 9679
protoplast fusion 4060, 11818
Puccinia helianthi 11822
random amplified polymorphic DNA, *Diaporthe helianthi* 5187
regenerative ability 2757
respiration 5185
restriction fragment length polymorphism
oils 6254
Plasmopara halstedii 856
ribosomal DNA 1800
seeds 6254
salinity 4063, 7490, 10796-10797
Sclerotinia sclerotiorum 8596, 10800
seed production 4061
seedlings 5185
self pollination 4061, 11815
sodium 10796
sodium azide 12743
somaclonal variation, chlorophyll 10790
sowing date 9681
stability
salinity 4064
yield components 9680
storage, seeds 850, 6256
tissue culture 1811, 7493, 10792
variety trials 1797, 2753, 9676, 10784
water balance 7490
wide hybridization 12742
yield components 9682
Helianthus annuus cont.
yield correlations 851, 10797
varieties 4057
Co3 846
Coril 845
Daniel 4056
Helianthus argophyllus
in vitro selection, drought resistance 12745
interspecific hybridization 5187, 10789, 12745
polymorphism, isoenzymes 10789
random amplified polymorphic DNA, *Diaporthe helianthi* 5187
restriction fragment length polymorphism, ribosomal DNA 1800
Helianthus divaricatus, interspecific hybridization 1802
Helianthus mollis, interspecific hybridization 1802
Helianthus smithii, tissue culture 7496, 11816
Helianthus tuberosus
Diaporthe helianthi 10799
gene expression, calnexin 11623
interspecific hybridization 10799, 12168
inulin 12576
nucleotide sequences, calnexin 11623
variety trials 12576
Helichrysum diosmifolium
random amplified polymorphic DNA, variety classification 3054
varieties, Redlands Sandra 1047
Heliconia, random amplified polymorphic DNA 6463
Helicotylenchus multicinctus, Musa 5142
Helicoverpa, Gossypium 11910
Helicoverpa armigera
Arachis hypogaea 6289
Cajanus 9486
Cajanus cajan 9486
genetics 12523
Cajanus scarabaeoides, genetics 12523
Cicer arietinum 8337, 9462-9464
genetic transformation 8336
Gossypium, genetic transformation 8744
Gossypium hirsutum 9771, 10882
Lycopersicon esculentum 8446, 10607
Nicotiana tabacum, genetic transformation 929
Helicoverpa zea
Glycine max 9421
Gossypium 6352
Zea mays 310, 3532, 4619
artificial selection 3531
gene mapping 9258-9259
genetics 5841, 9259
linkage 5841
restriction fragment length polymorphism 9258
Helictotrichon
evolution 5966
taxonomy 4781, 5966
Heliothis *(see also Helicoverpa)*
Heliothis virescens
Gossypium hirsutum, genetic transformation 8742
Nicotiana tabacum 7556
Helleborus odorus
morphology 1959
taxonomy 1959
Helminthosporium *(see also Cochliobolus; Glomerella; Magnaporthe; Pleospora; Pyrenophora; Setosphaeria)*
Hemarthiria altissima
digestibility 8219
polyploidy 8219
Hemerocallis
varieties
Lemon Baby 8863
Peach Baby 8864
Hemileia vastatrix, Coffea 2829
Heracleum candicans
heritability
coumarin 13030
yield components 13030
Heracleum moellendorffii, tissue culture 9881
Herbage crops
artificial selection, nutritive value 12415
gene banks 7072

Herbage crops *cont.*
genetic resources 7072
databases 7073
varieties 6674, 10018
Herbicide safeners, *Arabidopsis thaliana,* gene expression 11197
Herbicides
Acer pseudoplatanus, gene expression 8793
Agrostis stolonifera, genetic transformation 11993
Arabidopsis thaliana
genetic engineering 7845
induced mutations 2105
mutations 6649
Arachis hypogaea 11842
Asparagus officinalis, genetic transformation 7305
Avena sativa 6802
Beta vulgaris
genetic engineering 1841
sugarbeet, genetic engineering 1842, 2821
Brassica campestris, turnip rape 828
Brassica napus
rape 828, 1794, 7451, 8559
backcrossing 11791
genetic engineering 25
genetic transformation 6252
crops, genetic engineering 25, 2053, 4366
genetics 9939
Glycine max 8290, 11222
gene mapping 6032, 11546
genetic engineering 6031
genetic transformation 10444
in vitro selection 9422
linkage 11546
molecular genetics 9422
mutations 9422
restriction fragment length polymorphism 11546
Gossypium 11911
genetic transformation 8747
Gossypium barbadense 946
Gossypium hirsutum 946, 8746
genetic transformation 4148, 8707, 8714, 8745
somaclonal variation 10883
Helianthus annuus 845
Hordeum vulgare
genetic transformation 6796
in vitro selection 4569
linkage 9939
Lupinus 1473
Lycopersicon esculentum 7322
Medicago truncatula, genetic transformation 5973
Nicotiana tabacum 1866
Oryza sativa 3602, 5947, 11448-11450, 12408
gene expression 3636
genetic transformation 3636, 4676, 9315, 10294
Phaseolus vulgaris 490
stability 1521
Pisum sativum 1531
Saccharum, genetic transformation 2800
Saccharum officinarum
genetic transformation 11849
in vitro selection 2801-2802
Setaria italica 5859
genetics 4642, 8119
Setaria viridis 5859
genetics 4642, 8119
Sorghum bicolor 5847
Triticum aestivum 4542
gene mapping 4541
in vitro selection 10098
linkage 4541
restriction fragment length polymorphism 4541
somaclonal variation 10098
Triticum dicoccoides
gene mapping 4541
linkage 4541
restriction fragment length polymorphism 4541
vegetables 11141

Herbicides *cont.*
Zea mays 1382, 2289, 4620, 5739, 6951, 9207, 9260, 10170, 10185, 11222, 11373
sweetcorn 11372
Heritability
Abelmoschus esculentus, yield components 1717, 8464
Agropyron desertorum, nutritive value 4773
Amaranthus, yield components 7067
Arachis hypogaea
harvest index 1825
Mycosphaerella berkeleyi 8609
yield components 2768, 4076, 10813
Avena sativa
β-glucan 2233
Puccinia coronata 2233
quality 2233
yield components 12299
Avena sterilis, yield components 12299
Beta maritima, flowering 10837
Brassica campestris
development 5176
sarson, yield components 8576
Brassica chinensis, yield components 8424
Brassica juncea
shedding 7459
yield components 1783, 4047, 8574
yields 7459
Brassica oleracea
cabbages, *Sclerotinia sclerotiorum* 1633
cauliflowers, *Sclerotinia sclerotiorum* 1633
Cajanus cajan
Phytophthora drechsleri 9484
quality 9479
yield components 10496, 12520
Callistephus chinensis
quality 4265
yield components 4265
Capsicum annuum
Phytophthora capsici 2610
yield components 1682-1683, 2602, 11654, 12620
Capsicum frutescens, yield components 1683
Carthamus tinctorius, yield components 8599
Cicer arietinum
quality 8333
yield components 4876, 6069, 7188, 9458, 10485
Citrus aurantiifolia
leaves 7417
stomata 7417
Colocasia esculenta, yield components 12570-12571
Crambe abyssinica, yield components 12777
Cucumis melo, Pseudoperonospora cubensis 643
Cucumis sativus, yield components 3909, 11663
Cucurbita maxima, watermelon mosaic 1 potyvirus 8454
Curcuma longa, yield components 8919
Daucus carota, quality 557
Elaeis guineensis, yield components 10801
Eleusine coracana, yield components 10282
Eragrostis tef, yield components 12430
Eucalyptus globulus
height 5280
yield components 965
Eucalyptus nitens
rooting capacity 8779
wood properties 12859
Festuca pratensis
drought resistance 4771
Pyrenophora lolii 5960
Glycine max
Bradyrhizobium 12474
nodulation 11536
Cercospora sojina 7158
Chrysodeixis includens 6030
drought resistance 1494
Fusarium 4839

Heritability *cont.*
Glycine max cont.
Fusarium solani 1503
height 8251
Heterodera glycines 1503
nodulation 11536, 12474
proteins 8282
roots 1494
seeds 1494
shedding 7142
yield components 8275, 9376, 9396-9397, 11534
yields 8251
Glycine soja, yield components 9376
Gossypium barbadense
quality 8736
yield components 8732, 10875
yields 8736
Gossypium hirsutum
Fusarium 7607
quality 2885, 8730
Verticillium dahliae 7607
yield components 939, 2885, 8730, 10875
Guizotia abyssinica, yield components 7523
Heracleum candicans
coumarin 13030
yield components 13030
Hevea
Colletotrichum 6362
Corynespora 6362
Oidium 6362
Hevea brasiliensis
Corynespora cassiicola 8776
Glomerella cingulata 8776
Oidium heveae 8776
yield components 2919
Hibiscus cannabinus, yield components 7613
Hordeum vulgare
Fusarium 1332
inflorescences 8027
quality 4558
yield components 8027, 8030
Ipomoea batatas
Meloidogyne incognita 3818
Meloidogyne javanica 3818
Ipomopsis aggregata 12993
flowers 1060
Lagenaria siceraria, yield components 9586
Lathyrus sativus, yield components 9362, 10395
Lens culinaris, yield components 6062, 10477
Litchi chinensis, quality 4004
Luffa acutangula, yield components 12639
Lupinus albus, yield components 8244
Lycopersicon esculentum
fruits 2576
insects 2592
tomato spotted wilt tospovirus 617
2-tridecanone 2592
yield components 2578, 8436, 10602
Lycopersicon hirsutum
insects 2592
2-tridecanone 2592
Macrotyloma uniflorum, yield components 1557
Malus, flowering 11674
Medicago sativa
roots 4790
tissue culture 11496
Medicago truncatula, quantitative traits 8230
Musa, Mycosphaerella fijiensis 12687
Nicotiana rustica, quantitative traits 8693
Nicotiana tabacum, yield components 8698, 9745
Oryza sativa
aluminium 1416
cold resistance 8172
height 4712
ratooning 8152
regenerative ability 7042
roots 12379
seeds 364
toxic substances 1416

Heritability *cont.*
Oryza sativa cont.
yield components 3612-3613, 4712, 4718-4719, 5909, 8163, 10320, 10322, 12388-12389
Panicum sumatrense, yield components 5858
Papaver somniferum, yield components 7721
Paspalum scrobiculatum, yield components 3667
Pennisetum glaucum
Puccinia substriata 11399
yield components 325, 12350-12351
Pennisetum pedicellatum, yield components 10281
Pennisetum purpureum, yield components 12350, 12353
Phaseolus vulgaris
bean golden mosaic geminivirus 9436
quality 6045, 10458
Rhizoctonia solani 11559
Xanthomonas axonopodis 4864
yield components 3733, 6045, 8306, 8308
Pinus contorta, development 1002
Pinus elliottii
Cronartium quercuum 1007, 5318
quality 5317
yield components 2973
Pinus monticola, Cronartium ribicola 1005
Pinus patula
development 6402
wood properties 6402
Pinus roxburghii, yield components 1899
Pinus strobus, height 10959
Pinus sylvestris
height 1004
seeds 5315
yield components 10962
Pisum sativum 1527
lodging 495
Populus balsamifera, wood properties 971
Populus deltoides, yield components 5287-5288, 11937
Populus trichocarpa, yield components 5287-5288
Prosopis cineraria, seeds 5299
Prunus persica, chilling requirement 5110
Raphanus sativus, yield components 4943
Rauvolfia serpentina, ajmaline 5459
Ribes nigrum
fungi 759
yield components 759
Robinia pseudoacacia, yield components 981
Saccharum, quantitative traits 7532
Saccharum officinarum
quality 870, 4092
Ustilago scitaminea 11862
yield components 4092, 7533, 12785
Salix sericea, phenolic glycosides 9792
Secale cereale
Fusarium culmorum 8061
quality 3416
Sesamum indicum, yield components 10819
Setaria italica
iron 3560
seeds 3560
Setaria sphacelata, seed production 6983
Solanum chacoense, regenerative ability 6087
Solanum khasianum, yield components 11062
Solanum laciniatum, yield components 8913
Solanum melongena, yield components 1673-1674, 1676
Solanum tuberosum
unreduced gametes 4907
yield components 3795
Sorghum bicolor, yield components 2295, 6966, 10273
statistics 1228, 4432
Trifolium pratense, mathematics 8232
Trifolium repens, salinity 8236

Heritability *cont.*
triticale
nitrogen 8066
nutrients 8066
quality 6880, 6886
yield components 12304
triticale × *Triticum,* yield components 7876
Triticum, drought resistance 4491
Triticum aestivum
anatomy 7952
carbohydrates 5647
Cochliobolus sativus 7993
cold resistance 5643
drought resistance 6753
Erysiphe graminis 5650
Gibberella zeae 2193
growth period 5630
internodes 11250
leaves 131, 7952
proline 5643
Puccinia recondita 11298
quality 7975, 9140
sterility 7943
Typhula idahoensis 5647
water balance 6753
yield components 1286, 2159, 3335, 5636-5638, 6731, 6736-6737, 7955, 7962, 11235, 11258, 12240, 12242
Triticum durum
quality 2176
yield components 1284, 6725
Vicia faba, yield components 479
Vicia sativa, yield components 7109
Vigna angularis, yield components 10514
Vigna mungo, yield components 10515
Vigna radiata, yield components 1554, 11585
Vigna unguiculata
leaves 2471
stomata 4886
yield components 515, 1542, 10502, 12524, 12526
Vitis vinifera, yield components 772
Zea mays
abscisic acid 9233
growth period 6934
growth regulators 9233
inflorescences 11345
nutritive value 2274
Peronosclerospora sorghi 1380
prolificacy 12323
quality 1374
yield components 3433, 3478, 8092-8093, 11351
Hermaphroditism
Aquilegia caerulea 5401
Mangifera indica 2721
Zea mays, mutations 10195
Herminium
chemotaxonomy 3107
phenolic compounds 3107
Hesperaloe funifera, genetic resources 5265
Heterobasidion annosum
Picea abies 2979
clonal variation 2978
Heterochromatin
Brassica campestris, turnips 7239
Citrus sinensis, fluorescence *in situ* hybridization 2717
Trillium 6493
Heterodera avenae
Aegilops × *Triticum,* chromosome translocation 185
Hordeum vulgare
gene mapping 11321
genetics 12295
restriction fragment length polymorphism 11321
Triticum aestivum
chromosome translocation 185
polymerase chain reaction 184
restriction fragment length polymorphism 184
Heterodera ciceri
Cicer 3771
Cicer reticulatum, germplasm releases 7192
Heterodera filipjevi, Hordeum vulgare 8045

Heterodera glycines
Glycine max 2437, 6027-6028, 7131, 7160-7161, 8292
gene mapping 10431, 10438, 11541
genetic markers 6025, 9408-9409, 10431
genetics 474, 9408, 10438, 10440, 12476
genotype environment interaction 1503
heritability 1503
linkage 6024
random amplified polymorphic DNA 11541
restriction fragment length polymorphism 6024-6025, 10439
reviews 9420
Heterodera schachtii
Arabidopsis thaliana, genetic transformation 12157
Beta
chromosome translocation 1838
genetics 1838-1839
Beta vulgaris
sugarbeet 1840
gene expression 6305
genetic transformation 6305
random amplified polymorphic DNA 8680
Brassica × *Raphanus* 11621
Fagopyrum esculentum 1424
Raphanus sativus 2751
Sinapis alba 2751
Heterodera trifolii, Trifolium repens 5990, 11507
Heteropogon contortus, varieties, Rocker 398
Heteropsylla cubana
Leucaena diversifolia 3694
Leucaena leucocephala 3694
Heterosis 9059
Abelmoschus esculentus, yield components 1715, 10637
Allium cepa 7260
Anacardium occidentale
germination 5169
vigour 5169
Arabidopsis thaliana, genetics 65
Arachis hypogaea, seeds 6275
Athyrium filix-femina 11051
Brassica, Chinese cabbages, quality 1629
Brassica campestris
sarson, yield components 7470
toria
quality 7479
yield components 7469
Brassica napus
rape
abscisic acid 833
genetic markers 1771
gibberellic acid 833
growth regulators 833
nitrogen 8572
proteins 8572
yield components 1782, 9661, 9671
Brassica oleracea
cauliflowers
inflorescences 3835
yield components 11633
yields 3835
Brassica pekinensis, yield components 2543
Cajanus cajan, yield components 9478
Camellia sinensis
esterases 2824
isoenzymes 2824
peroxidases 2824
Capsicum annuum
yield components 9574-9575, 12620
yields 630, 7329
Cicer arietinum, yield components 12514
Cicer echinospermum, yield components 12514
Cicer reticulatum, yield components 12514
Corchorus capsularis, roots 4151
Corchorus olitorius, seeds 1874
Cucumis melo
fruits 1693
waterlogging 1689

Heterosis *cont.*
Cucumis melo cont.
yield components 1694, 2618
Cucumis sativus, yield components 2651
Daucus carota, yield components 2506
Eleusine coracana
proteins 5865
seeds 5865
Glycine max
quality 7146
yield components 7146, 8274, 8277, 12468
Gossypium, yield components 7600
Gossypium barbadense
quality 8731
yield components 8731
Gossypium hirsutum
ATP 12833
quality 2888, 8731, 12835
yield components 940, 2888, 8731
yields 12833
Helianthus annuus, yield components 849, 7491, 10786, 10791
Hibiscus sabdariffa, yield components 7614
Hordeum vulgare, yield components 4556, 10103
Lens culinaris, yield components 8325
Linum usitatissimum, flax, yield components 6355
Luffa acutangula, yield components 3915
Lycopersicon, salinity 12609
Lycopersicon esculentum, yield components 3871-3872, 8435
Mangifera indica, quality 9637
Manihot esculenta, yield components 10555
Nicotiana tabacum
leaves 9746
quality 9746
yield components 9743
Oryza sativa
amino acids 2354
development 4701
gene expression 4462
photosynthesis 10311
proteins 2354
quality 3615, 3617, 12395
seeds 4701
translocation 10311
yield components 370, 2338, 3609-3611, 5891, 5893, 7037-7038, 8160, 11423, 11426
Parthenium argentatum 5274
Pennisetum glaucum
digestibility 5863
forage 5863
growth period 11394
yield components 6991, 11394, 12352
Pisum sativum
chlorophyll 3753
photosynthesis 3753
yield components 7179
Pleurotus cornucopiae 11095
Pleurotus florida 11095
Pleurotus ostreatus 11095
Pleurotus sapidus 11095
Prunus
apricots
fungi 729
Pseudomonas syringae 729
Prunus persica, fruits 8491
Sesamum indicum, yield components 1828, 8611
Solanum tuberosum, yield components 9505, 12548
Sorghum bicolor, yield components 6967
statistics 6593
Theobroma cacao, yield components 9713
Trifolium repens, dry matter 11505
Triticum aestivum
chlorophyll 5628
development 9121
height 11255
internodes 11255
nutrients 2181, 4507
phosphorus 2181, 4507
photosynthesis 5628
restriction fragment length polymorphism 4477

Heterosis *cont.*
Triticum aestivum cont.
yield components 3336, 4477, 6735, 7956, 7961, 7967, 12243
yields 9121
Vicia faba
nutrients 4849
phosphorus 4849
yields 4846
Vigna, morphology 2474
Vigna radiata, yield components 7207
Vigna unguiculata, yield components 3776, 6075, 12525
Zea mays 6920
development 8090
forage 5808
gene expression 4462
growth period 3439
height 3439
isoenzymes 2260
leaves 8090
lodging 1350
plant embryos 5804
proteins 5804-5805
quality 8097
random amplified polymorphic DNA 10158
yield components 1350, 3438, 3475, 3516, 8097, 9238, 10141, 10226
yields 3439, 3456-3457, 3477, 3479, 5804
sweetcorn 10166
Heterosporium *(see also Cladosporium)*
Heterostyly
Caesalpinia pulcherrima 11986
Narcissus triandrus 5424
Primula tommasinii, genetics 7676
Primula vulgaris, genetics 6468
Heterozygosity 5576
Amaranthus, isoenzymes 3643
Bactris gasipaes, isoenzymes 10753
Glycine soja, isoenzymes 4826
Persea americana, genetic markers 4005
Picea abies 11967
Armillaria 11969
cinnamyl-alcohol dehydrogenase 11969
Sophora japonica, globulins 979
Zea mays 295
mathematics 9202
Hevea
anther culture 9780
cold resistance 5273
combining ability
Colletotrichum 6362
Corynespora 6362
Oidium 6362
DNA 9777
genetic markers 2917
genetic resources 5273
heritability
Colletotrichum 6362
Corynespora 6362
Oidium 6362
storage, pollen 6360
Hevea brasiliensis
abscisic acid 11915
anther culture 6361
breeding 8757, 12847
canopy 950
clonal variation
gynoecium 949
isoenzymes 8770
combining ability
Corynespora cassiicola 8776
Glomerella cingulata 8776
latex 8772
Oidium heveae 8776
yield components 8772
cytokinins 9781
DNA 4156
drought resistance 8775
gene expression
chitinase 12848
glutamate-ammonia ligase 8758
hevein 12848
gene mapping 8762
genetic engineering 8761
genetic markers 8762-8763
isoenzymes 8769
latex 8766-8767

Hevea brasiliensis *cont.*
genetic resources 8753-8756, 8764-8765
genetic transformation 6361
hydroxymethylglutaryl-CoA reductase 8760
genetic variation, isoenzymes 948, 8769
growth regulators 9781
habit 950
heat resistance 8775
heritability
Corynespora cassiicola 8776
Glomerella cingulata 8776
Oidium heveae 8776
yield components 2919
latex 8765, 8768, 8771, 8774
Microcyclus ulei 10892
nucleotide sequences
allergens 2915-2916
glutamate-ammonia ligase 8758
polyethylene glycol 11915
random amplified polymorphic DNA 8759
restriction fragment length polymorphism 948
somatic embryogenesis 11915
tapping 8774
tissue culture 951, 2920, 8773, 9778-9779, 9781, 12849
transferases 8768
variety classification 8770
wood 5272
yield correlations 2918, 8771
Hevein, *Hevea brasiliensis,* gene expression 12848
Hexokinase
Arabidopsis thaliana
gene expression 6648
genetic transformation 6648
gene expression 9943
Hexoses
Ipomoea batatas 3815
Lycopersicon esculentum 9553
Hibiscus
genetics, lignin 4155
multivariate analysis, yield components 12845
Hibiscus cannabinus
fungi 5266
genetic resources 5264
genetics, photoperiodism 947
growth period 947
heritability, yield components 7613
Meloidogyne incognita 5266
multivariate analysis, yield components 12845
Nisotra orbiculata 10891
Phytophthora nicotianae 1877
sowing date 947
variety trials 5266-5268
yield correlations 7613
varieties, Fuhong-1 11914
Hibiscus esculentus *(see Abelmoschus esculentus)*
Hibiscus laevis, self pollination 7660
Hibiscus moscheutos, pollen competition 4259
Hibiscus rosa-sinensis, mutations, flowers 10999
Hibiscus sabdariffa
combining ability, yield components 9776
genetic variance, yield components 9776
heterosis, yield components 7614
inbreeding depression 7614
Phytophthora nicotianae 1877
Hibiscus syriacus
abnormal development 1048
embryo culture 3033
polyploidy 1048, 3033
seed production 1048
wide hybridization 1048, 3033
Hibiscus* (×) *Lavatera
in vitro culture 6437
protoplast fusion 6437
radiation 6437
Hicoria *(see Carya)*
Hierochloe, chromosome number 3664
Hippeastrum, nomenclature 6496
Hippeastrum hybridum, fertilization 4161
Hippophae
phylogeny 3992

Hippophae *cont.*
taxonomy 3992
Hippophae rhamnoides
fruits 789
lipids 2706
natural selection 789
plant composition 789
Histone deacetylase, *Zea mays,* nucleotide sequences 11333
Histones
Arabidopsis thaliana
gene expression 12153
nucleotide sequences 12153
Asparagus officinalis
gene expression 3849
nucleotide sequences 3849
Medicago sativa
gene expression 1440
nucleotide sequences 1440
Nicotiana tabacum
gene expression 7564
genetic transformation 7920
Oryza sativa, genetic transformation 10042
Triticum aestivum
gene expression 7920, 10042
nucleotide sequences 7920
promoters 10042
History
Allium cepa, breeding 7256
Asparagus officinalis, breeding 4973
Astrophytum asterias, breeding 5439
Astrophytum myriostigma, breeding 5439
Beta vulgaris, sugarbeet, breeding 2804
breeding 11, 4368
cereals
breeding 12072
induced mutations 3259
Cocos nucifera 1818
crops
breeding 6558, 12072
genetics 3153
induced mutations 3259
physiology 3153
Cucumis sativus, breeding 3903
Fragaria ananassa, breeding 2694
genetics 4368, 12105
diseases 2041
Glycine max, breeding 9369
Gossypium hirsutum, breeding 9761, 10867
grasses
breeding 8196
seed production 8196
Leptospermum scoparium, breeding 10992
Malus pumila
breeding 3919
books 6564
Nymphaea alba, breeding 1101
Oryza sativa, breeding 1395
Prunus, plums, breeding 2676
Prunus persica, breeding 8497
Saccharum officinarum, breeding 8619, 8622
Solanum, tuberous species, genetic resources 7214
Solanum tuberosum, breeding 6078
Triticum aestivum, breeding 5601
Triticum dicoccum, breeding 9097
Vitis, breeding 7396
Zea mays, breeding 1376, 3427, 6902, 6920, 8070
Holcus lanatus
arsenate 1439
toxic substances 1439
Holothrix majubensis, taxonomy 1975
Homeobox, *Zea mays,* gene dosage 9193
Homeotic genes
Arabidopsis thaliana, gene expression 5543
gene expression 7796
Homidium bromide, *Zea mays* 10169
Homoserine dehydrogenase
Arabidopsis thaliana
gene expression 9015
genetic engineering 9015
Nicotiana tabacum, genetic transformation 9015
Homozygosity
Capsicum annuum 634
Homozygosity *cont.*
Triticum aestivum
awns 139
inflorescences 139
leaves 139
Zea mays 3460
Hop latent viroid, *Humulus lupulus,* genetic transformation 4319
Hordein
Hordeum vulgare
gene mapping 12285
genetic markers 2218
genetics 205, 2222
natural selection 10108
polymorphism 205, 8028
Hordelymus
genetic resources 5662
geography 5662
Hordeum
altitude 5671
cytology, evolution 1327
DNA 203
genetic markers 1260
genetic resources 5662, 9924
genetic variation, isoenzymes 5671
genomes 203
geography 5662
polymorphism, isoenzymes 1260
population genetics 5671
random amplified polymorphic DNA
phylogeny 215
taxonomy 12203
repetitive DNA, taxonomy 12203
restriction fragment length polymorphism, taxonomy 12203
taxonomy 9924
Hordeum agriocrithon
esterases 4552
isoenzymes, variety classification 4552
Hordeum bogdanii, polymerase chain reaction, repetitive DNA 4461
Hordeum bulbosum
barley yellow mosaic bymovirus 4566
Erysiphe graminis 6796
interspecific hybridization 4566, 5684, 8018
wide hybridization 6796
Hordeum chilense
gene location, *Schizaphis graminum* 4568
genetic resources 8010
photosynthesis 109
Puccinia hordei 6799
respiration 109
Hordeum parodii, polymerase chain reaction, repetitive DNA 4461
Hordeum pubiflorum, cytotaxonomy 8035
Hordeum secalinum, genetic variation, isoenzymes 12286
Hordeum spontaneum
amplified fragment length polymorphism, salinity 10117
breeding 1306
domestication 8034
esterases 4552
genetic resources 6781, 10117
genetics
cold resistance 1330
Rhopalosiphum maidis 10122
yield components 2221
interspecific hybridization 2221, 5663, 11318
isoenzymes, variety classification 4552
multivariate analysis, yield components 5663
polymorphism
isoenzymes 6793
proteins 216
Pyrenophora teres 11320
random amplified polymorphic DNA 6783
barley yellow mosaic bymovirus 6800
restriction fragment length polymorphism 209, 6781
salinity 9172
translocation 9172
viruses 1335
Hordeum vulgare
abnormal development, endosperm 206
alkylresorcinols 9174
altitude 205, 8009
aluminium 2224, 3383, 12292
Hordeum vulgare *cont.*
amplified fragment length polymorphism 8016, 11306
amylose 12290
anatomy 135
anther culture 8021, 8031, 12288
arabinoxylans 9169, 11315
artificial selection
amylopectin 6792
amylose 6792
β-glucan 5600
Puccinia hordei 5688
starch 6792
Ascochyta 5682
Aspergillus niger 9174
backcrossing, cytoplasmic male sterility 5668
barley mild mosaic bymovirus 2228
barley yellow mosaic bymovirus 2228-2229, 3392, 4566
benzamide 2212
beta radiation 202
breeding 217, 1153, 1306, 3368, 6770-6772, 7760
cell division 1318, 2224
chlorophyll 2131, 11313
chloroplast genetics 194, 10106
transposable elements 2216
chromosome aberrations 200-202, 204, 1319, 2213, 11201
chromosome addition 8018
Erysiphe graminis 3386
growth period 12237
photoperiodism 12237
vernalization 12237
chromosome banding 2214
chromosome breakage 10104
chromosome elimination 8021
chromosome morphology 8020
chromosome number
embryo culture 1317
tissue culture 1317
chromosome substitution, growth period 11227
chromosome translocation 1313
chromosomes, nomenclature 8022
Cochliobolus sativus 5681, 8038
combining ability
growth period 5676
yield components 3378, 6790, 12287
cytology 222, 8022
cytoplasmic inheritance, chlorophyll 3375
development 1322, 6788
diethyl sulfate 5667
digestibility 110
Diuraphis noxia 2131, 3393, 5690, 8046
DNA probes 5666
dry matter 10115
endosperm 213
epistasis
inflorescences 8027
yield components 8027
Erysiphe graminis 222, 6796, 9173, 10120
esterases 4552
ethyl methanesulfonate 6785
evolution 4559, 8034
experimental design 1257
fluorescence *in situ* hybridization 4548, 10025
fungi 2225
Fusarium culmorum 5684
gamma radiation 108, 197-201, 1263, 1318, 2212-2213, 3370, 4557, 6785, 8019, 11308-11309
gene banks 11301
gene expression 5704, 10106
abscisic acid 195-196
adenosinetriphosphatase 8025
α-amylase 11305
α-amylase inhibitor 10107
cold resistance 8015
death 12092
development 1321
diseases 12092
drought resistance 11307
endo-1,4-β-xylanase 6780
enzyme inhibitors 8023
Erysiphe graminis 3391, 9175
gibberellic acid 5672
glutamyl-tRNA reductase 6784

Hordeum vulgare cont.
gene expression *cont.*
growth regulators 5672, 9164
heat shock 2210
jasmonic acid 191, 1325
lipoxygenase 6782
methyl jasmonate 9164
mycorrhizas 8025
pathogenesis-related proteins 8037
peroxidases 3391, 6797
phenylalanine ammonia-lyase 5681, 11303
phosphoenolpyruvate carboxylase 5441
phosphorylation 12204
plant embryos 1324
protein kinase 195, 9078
Puccinia graminis 10091
seeds 1321, 1324, 12204
serpins 2125
techniques 12283
trypsin inhibitors 193
water balance 1325
xylanase 1323
gene location
development 8026
Erysiphe graminis 4565
isoenzymes 11318
photoperiodism 8026
Rhynchosporium secalis 11318
Tilletia controversa 4465
gene mapping 106, 194, 1314-1315, 4548, 5598, 5665, 6683, 7922, 10025
barley mild mosaic bymovirus 223
barley yellow mosaic bymovirus 223
cold resistance 11316
dehydrins 219
drought resistance 219
flowering 349
height 3291
Heterodera avenae 11321
hordein 12285
phytochrome 5674
Puccinia hordei 8044
Pyrenophora teres 221
quality 9168, 10112
quantitative traits 5673
Rhopalosiphum 8047
salinity 10119
Schizaphis graminum 8047
Sitobion akebiae 8047
vernalization 3291
gene tagging, transposable elements 4549
genetic engineering
α-amylase 11305
drought resistance 11307
heat shock 2210
peroxidases 6797
serpins 2125
genetic markers 106, 1313-1314, 10102
barley yellow mosaic bymovirus 5689
enzymes 2219
Erysiphe graminis 3386
esterases 5689
hordein 2218
proteins 2219
quantitative traits 8014
transposable elements 6779
genetic resources 6781, 8009, 8034, 11301
genetic transformation 192, 5704, 10025, 10100-10101, 12284
anthocyanins 9173
aspartate kinase 3371
bilanafos 4381
dihydrodipicolinate synthase 3371
Erysiphe graminis 3390
glufosinate 6796
herbicides 6796
lipid transfer proteins 3369
phosphinothricin acetyltransferase 4381
transposable elements 4549
genetic variance
chlorophyll 4553
fluorescence 4553
Fusarium 1332
quality 214
yield components 4553, 8030, 12287
genetics 10102

Hordeum vulgare cont.
genetics *cont.*
α-amylase 3376
barley yellow mosaic bymovirus 4567, 5689
chlorophyll 3375
cold resistance 1330, 4561
Erysiphe graminis 3387-3389, 4564, 5685-5686, 7785, 8043, 10087
esterases 2220, 5689
gibberellic acid 3376
growth period 12237
growth regulators 3376
heat 5675
heat resistance 220
height 2217
Heterodera avenae 12295
hordein 205, 2222
internodes 2217
isoenzymes 11318
male sterility 1320
photoperiodism 5675, 12237
Puccinia graminis 2226-2227, 5687
Puccinia hordei 1334, 8044
Pyrenophora teres 1333, 3385
Rhynchosporium secalis 4563, 7791, 11318, 12098
salinity 1331, 3384
toxins 12098
vernalization 12237
yield components 2221
genotype environment interaction 217, 1328
β-glucan 9170
quality 4558, 9168
germination 1331, 4554, 10109
β-glucan 8032, 12209, 12291
growth period 1326
haploidy 10103
heavy metals 200-201
height 10114-10115
heritability
Fusarium 1332
inflorescences 8027
quality 4558
yield components 8027, 8030
Heterodera filipjevi 8045
heterosis, yield components 4556, 10103
ideotypes 5670
in situ hybridization 1316
in vitro selection
cold resistance 4561
glyphosate 4569
herbicides 4569
hydroxyproline 4561
toxic substances 4561
induced mutations 108, 197, 199, 2212, 5667, 5669, 6785, 10103, 11201, 11309
chlorophyll 198, 8019
development 8019
endosperm 206
inflorescences 198, 11308
morphology 3370
inflorescences 3382
intergeneric hybridization 7873
interspecific hybridization 2221, 4566, 5663, 5684, 8018, 11318
isoenzymes 4555
variety classification 4552
leaves 11313
light 10106
linkage
barley yellow mosaic bymovirus 10121
esterases 10121
inflorescences 8027
isoenzymes 11318
Puccinia hordei 1334
Pyrenophora teres 221
Rhynchosporium secalis 11318
yield components 8027
lipoxygenase 4555
lodging 110, 135
Lolium multiflorum, crop mixtures 2377
Lolium perenne, crop mixtures 2377
lysine 10110
male sterility 5669
manganese 6794
mercuric chloride 5681
methyl methanesulfonate 5669

Hordeum vulgare cont.
N-methyl-*N*-nitrosourea 8019
molecular genetics 6626
cold resistance 1329
drought resistance 1329
Erysiphe graminis 9175
phenylalanine ammonia-lyase 5681
quantitative traits 11302
Rhynchosporium secalis 4563
multivariate analysis 8029
yield components 5663
mutagens 200-201, 204, 2212-2213, 5667, 5669, 6785, 8019
mutations
abscisic acid 3374
amino acids 3372
α-amylase 9165
chlorophyll 198, 2216, 6789
flavonoids 11319
fungi 12293-12294
Fusarium 11319
germination 3374
Gibberella zeae 11319
glycine decarboxylase 11311
growth regulators 3374, 9165
inflorescences 198, 3372
leaves 6787
lysine 5678
magnesium chelatase 6789
molybdenum 4560
nitrate reductase 4560
photorespiration 3377
photosynthesis 3373, 10105, 11311
salinity 8036, 10116
seeds 9165
starch 207
mycotoxins 8038
naked grain 10111
natural selection
hordein 10108
inflorescences 10108
naked grain 10108
necroses 4554
nitrate reductase 11312
5-nitro-6-methyl uracil 5667
nitrogen 3382, 6794-6795, 10113-10115, 10120
nucleocytoplasmic interaction
chromosome pairing 6786
male sterility 2215
nucleotide sequences 4547
α-amylase inhibitor 10107
cold resistance 8015
endo-1,4-β-xylanase 6780
Erysiphe graminis 6798
β-glucan exohydrolase 1311
jasmonic acid 191
lipoxygenase 6782
pathogenesis-related proteins 8037
phenylalanine ammonia-lyase 5681, 11303
plant embryos 1324
seeds 1324
trypsin inhibitors 193
UTP-glucose-1-phosphate uridylyltransferase 8013
xylanase 1323
xylose isomerase 9163
nutrients 3382, 6794-6795, 10113-10115, 10120
nutritive value 212, 5678, 10110-10111
Penicillium chrysogenum 9174
pesticides 204
photosynthesis 11313
plant composition 3381, 8033, 11313
pollen 4551, 5669
pollen culture 3379
polymerase chain reaction 1312
Erysiphe graminis 3386
repetitive DNA 4461
transposable elements 6779
polymorphism
esterases 8028
hordein 205, 8028
isoenzymes 209
protoplast culture 210, 5677, 6791
protoplast fusion 4550
Pyrenophora teres 5679-5680, 8040-8041
quality 213, 2223, 3380, 8032-8033, 9167, 9169, 11315, 12209, 12291
radionuclides 202

***Hordeum vulgare** cont.*
random amplified polymorphic DNA 2211, 8017
barley mild mosaic bymovirus 223
barley yellow mosaic bymovirus 223, 6800
Rhynchosporium secalis 8042
regenerative ability 8031
repetitive DNA 4547
restriction fragment length polymorphism 106, 209, 1313, 1315, 2211, 5665, 6683, 6781, 8018, 11304
Erysiphe graminis 3386, 4565
Heterodera avenae 11321
phytochrome 5674
Pyrenophora teres 221
quality 10112
quantitative traits 5673
Rhynchosporium secalis 4562, 5679, 5683, 8039
salinity 218, 9171-9172, 11317
seed aging 199, 11309
seed testing 2218
seeds 3381, 4554, 10109
sister chromatid exchange 11310
sodium azide 5667, 6785
soil pH 3383
techniques 10118
sowing date 208
spring and winter habit 1322
stability, yield components 1326, 1328
starch 12291
stress 1263, 5681
tillering 8024
tissue culture 210-211, 4557, 10100, 11314, 12289
toxic substances 2224, 3383, 5681, 12292
translocation 9172, 10114-10115
ultraviolet radiation 11201
unreduced gametes 4551
variety classification 2218, 8029
variety trials 1257, 6673, 8011-8012, 10017, 10099
experimental design 5597
viruses 1335
water balance 208, 6795
weeds 10123
wide hybridization 6796
yield components 8024
yield correlations 1328, 9166
varieties 2122, 7872
90BE32 2208
AC Albright 6773
AC Stacey 6774
Akcent 189
Amulet 190
Chieftain 2206
Dash 2207
Empress 2208
Giza-127 6777
Giza-128 6778
Jackson 6775
Jejubori 5664
Kasota 6776
Keunalbori 1308
Molloy 12281
Monarch 2209
NFC1243-11 2209
NFC902/909 2207
PL419 12282
PL426 1310
Saekangbori 1309
Samdobori 1307
Shenmai-1 4546
Yangve 6680
***Hordeum* (×) *Daucus*,** protoplast fusion 4929
***Hordeum* × *Elymus*,** intergeneric hybridization 8214
***Hordeum* × *Leymus*,** intergeneric hybridization 3292
Hordeum* × *Secale
DNA methylation, nucleolus organizer 11323
intergeneric hybridization 11323
Hordeum* × triticale × *Triticum
fluorescence *in situ* hybridization 6835
intergeneric hybridization 6835
Hordeum* × *Triticum
chromosome addition, *Tilletia controversa* 4465
chromosome banding 10030
chromosome disposition 10030
gene location, *Schizaphis graminum* 4568
genetic markers, morphology 12208
genetics, morphology 12208
intergeneric hybridization 109, 2126-2127, 2129, 4464-4465, 4568, 6684, 6687, 10030, 11227, 12205, 12208, 12210, 12226, 12237
nitrate reductase 2129
nitrates 2129
nutrients 2129
photosynthesis 109
pollination 12205
proteins 12210
quality 6687, 12210
respiration 109
Tilletia tritici 4464
Horticultural crops
biotechnology, reviews 5505
breeding
conferences 2012
reviews 5505
genetic resources 5511
genetics, conferences 2012
Hosta
benzyladenine 11054
growth regulators 11054
vegetative propagation 11054
***Houttuynia cordata*,** tissue culture 3063
***Hoya*,** taxonomy 4291
***Hoya verticillata*,** taxonomy 5449
Humulus lupulus
breeding 12052
DNA hybridization 4318
genetic markers, sex 11086
genetic resources 4320
genetic transformation
Agrobacterium tumefaciens 4319
hop latent viroid 4319
genetics, *Phorodon humuli* 4320
microsatellites, variety classification 3130
nucleotide sequences 4318
quality 12054
random amplified polymorphic DNA
sex 11086
variety classification 3130, 12053
RNA 4318
terpenoids 6550
tissue culture 1123, 6549
variety trials 11085
varieties
Aquila 7741
Banner 7742
***Humulus scandens*,** tissue culture 6549
Husking, *Linum usitatissimum*, linseed 842
***Hyacinthoides paivae*,** taxonomy 1087
Hyacinthus
evolution 1971
polyploidy 1971
***Hyacinthus orientalis*,** tissue culture 1083
Hybrid necrosis
Triticum, genetics 183
Triticum aestivum 2202
genetics 183
Hybrid seed production
Aegilops × *Triticum* 1275
Beta vulgaris, sugarbeet 7543
Brassica, Chinese cabbages 2544
Brassica campestris, turnip rape 10578
Brassica juncea 1768
Brassica napus, rape 1768, 2734, 2736, 7449, 10767
Brassica nigra 10578
Brassica oleracea, cauliflowers 10578
Cajanus cajan 10490
Capsicum 5060
Capsicum annuum 7328
Cucumis sativus, random amplified polymorphic DNA 5069
Elaeis guineensis 12747-12748
Glycine max 6011
Gossypium 4133, 6347
economics 932
Gossypium hirsutum 8719, 12830
Helianthus annuus 7489
Lycopersicon 6136
Oryza sativa 2332, 5892
Hybrid seed production *cont.*
Pennisetum 11391
Pennisetum glaucum 9274, 11393
Pennisetum purpureum 9274
Secale cereale 3406
Sorghum bicolor 3536, 3544, 5846, 9263
Sorghum sudanense 5846
Triticum aestivum 1275, 7926
Triticum × *Aegilops* 1275
Zea mays 258, 267, 2259, 2263, 4594
Hybrid varieties
Allium cepa 7260
Asparagus officinalis 7303-7304, 9543, 10588
Beta vulgaris, sugarbeet 2805, 6303, 7544, 8677
Brassica, Chinese cabbages 2534
Brassica chinensis 7274
Brassica juncea 1768
Brassica napus, rape 1768
Brassica oleracea, cabbages 2533, 7273
Citrus 2716
Citrus sinensis 2716
crops 2108
Cucumis melo 10619, 10624
Cucumis sativus 2638-2643, 5070, 6163, 10628
Eucalyptus 1879-1880
Geranium 8834
Gossypium hirsutum 12830
Ilex 12912
Leptospermum 12951
Luffa acutangula 2658
Lycopersicon esculentum 2566-2567, 5001-5002
Momordica charantia 10630
Orchidaceae 4283, 5436, 6503
ornamental orchids 1091, 7702, 13014
Ornithopus 8245
Oryza sativa 4663, 4665
polymerase chain reaction 3588
random amplified polymorphic DNA 3588
Pennisetum glaucum 12345
Prunus avium 11689, 11692-11693
Solanum melongena 7323, 10608, 12615
Sorghum bicolor 2292, 8106
Triticum aestivum 5605, 7926
Zea mays 238, 267, 2108, 2242-2243, 2245-2246, 3426, 3432, 3458, 5825, 11330
Hybrid vigour (*see* Heterosis)
Hybridization (*see also* Graft hybridization; Intergeneric hybridization; Interspecific hybridization; Protoplast fusion; Wide hybridization)
Arachis hypogaea 1822
cereals, reviews 9090
genetic markers 93
genetics 6665
Glycine max, random amplified polymorphic DNA 7123
Helianthus, genetic markers 1801
Juglans regia 6235
multivariate analysis 2107
Musa 7405
Origanum 7734
Oryza 10286
Oryza sativa 10286
Pennisetum glaucum 12347
Phaseolus vulgaris, random amplified polymorphic DNA 7123
Prunus dulcis 7427
random amplified polymorphic DNA 93
Setaria italica 9273
Thymus 3128
Triticum durum, chromosome substitution 5616
Vitis 3980
Zea mays 4595
Hydro-lyases, *Citrullus lanatus*, genetic engineering 7337
Hydrogen peroxide
Arabidopsis thaliana
gene expression 2104
nucleotide sequences 2104
gene expression 8967
Lactuca sativa, gene expression 7301
Nicotiana tabacum, gene expression 11892

Hydrolases
Brassica napus
rape
gene expression 4032
genetic transformation 4032
Picea glauca, gene expression 9803
Triticum aestivum, gene expression 9159
Hydrophobins, *Agaricus bisporus,* nucleotide sequences 7746
Hydroponics, *Solanum tuberosum* 553, 3784
Hydropuntia, DNA 2007
Hydroxamic acids
triticale 2130
Triticum aestivum 2130, 8007
chromosome substitution 11251
gene location 11251
Triticum monococcum 186
Zea mays
gene mapping 11339
nucleotide sequences 11339
(*S*)-2-hydroxy-acid oxidase
Spinacia oleracea, gene expression 9539
Oryza sativa 367
Hydroxycinnamic acid
Pennisetum glaucum, mutations 111
Sorghum bicolor, mutations 111
Zea mays, mutations 111
Hydroxylamine, *Helianthus annuus* 2757
Hydroxymethylglutaryl-CoA reductase
Arabidopsis thaliana, gene expression 6647
Hevea brasiliensis, genetic transformation 8760
Lycopersicon esculentum
gene expression 2571, 3856
nucleotide sequences 2571
Solanum tuberosum
gene expression 7217
nucleotide sequences 7217
Hydroxymethylglutaryl-CoA synthase
Arabidopsis thaliana
gene expression 43
nucleotide sequences 43
α-Hydroxynitrile lyase, *Manihot esculenta,* gene expression 11611
***P*-hydroxyphenylpyruvate dioxygenase,** *Daucus carota,* nucleotide sequences 11609
Hydroxyproline
Brassica oleracea, cauliflowers, *in vitro* selection 1630
Hordeum vulgare, in vitro selection 4561
Triticum aestivum, in vitro selection 4515
Hydroxypyruvate reductase, *Cucumis sativus,* gene expression 3908
Hygrocybe aurantiorufa, taxonomy 13052
Hygromycin phosphotransferase
Vicia narbonensis
gene expression 9352
genetic transformation 9352
Hyoscyamus
chromosome pairing 1987
taxonomy 11067
Hyoscyamus bornmulleri, taxonomy 11067
Hyoscyamus muticus
genetic transformation
Agrobacterium rhizogenes 9878
alkaloids 9878
somaclonal variation
Agrobacterium rhizogenes 9878
alkaloids 9878
Hyoscyamus* (×) *Nicotiana
cytoplasmic male sterility 912
protoplast fusion 912
Hypericum maculatum
interspecific hybridization 1986
secondary metabolites 1986
Hypericum perforatum
cadmium 11069
genetic resources 8908
interspecific hybridization 1986
plant introduction 8907
restriction fragment length polymorphism 12034
secondary metabolites 1986
somaclonal variation 12034
toxic substances 11069
varieties, Topaz 9872
Hypoxia
triticale 6685
Triticum aestivum 6685, 9151
Hypoxia *cont.*
Vicia faba, cytology 2441
Hypoxis, tissue culture 8872
Hypoxis angustifolia, tissue culture 8873
Hypoxylon mammatum, Populus tremuloides 10922
Hyptis suaveolens
fatty acids 5210
oils 5210
IAA
Arabidopsis thaliana, mutations 3225, 3230
Brassica napus, rape, genetic transformation 1778
Lycopersicon esculentum, mutations 3877
Nicotiana tabacum
gene expression 6325
genetic transformation 6325
IAA oxidase, *Triticum aestivum* 6246
Ideotypes
grain legumes 11518
Hordeum vulgare 5670
Lilium 5430
Oryza sativa 377
Pisum sativum 8315
Solanum tuberosum 8380, 10535
Triticum aestivum 2180
Idiogram (*see* Chromosome morphology)
Ilex
hybrid varieties 12912
variety trials 10994
varieties
Ampfield King 12912
Ampfield Queen 12912
Ilex aquifolium
development 10937
sex 10937
Ilex attenuata, taxonomy 8817
Ilex dipyrena, interspecific hybridization 12912
Ilex gibraltarica, interspecific hybridization 12912
Ilex opaca
taxonomy 8817
varieties 7656
Illicium, taxonomy 11077
Illicium anisatum, nomenclature 1116
Illicium verum, nomenclature 1116
Imazethapyr
Zea mays 11373
sweetcorn 11372
Immunology
Brassica napus, rape, self incompatibility 11799
Canavalia gladiata 11588
cell division 9060
Gossypium barbadense 7598
Gossypium hirsutum 7598
Impatiens
anthers 7684
gynoecium 7684
taxonomy 7684
Impatiens balsamina, self pollination 8845
Impatiens capensis, phenotypic variation 9838
Impatiens kilimanjari, taxonomy 12999
Impatiens walleriana
varieties
Fiesta Burgundy Rose 5392
Fiesta Salmon Sunrise 5393
Fiesta Salsa Red 5394
Fiesta Sparkler Salmon 5395
Fiesta Tropical Orange 5396
Golden Anniversary 3046
Golden Girl 3047
***In situ* hybridization**
Actinidia chinensis 7400
Actinidia deliciosa 7400
Aegilops × *Triticum* 1276
glutenins 4475
Allium ampeloprasum, cytoplasmic inheritance 7264
Allium cepa, cytoplasmic inheritance 7264
Avena 1338
Avena × *Elymus* × *Secale* × *Triticum,* fungi 6690
Crocus 1969
Elymus × *Triticum,* genomes 4481
Festuca × *Lolium* 8206
Hordeum vulgare 1316
***In situ* hybridization** *cont.*
Leymus × *Triticum* 6711
Lycopersicon chilense, drought resistance 5028
Lycopersicon (×) *Solanum* 1648
Picea 2975
reviews 1187
Solanum, chromosome pairing 1566
techniques 6623
triticale, nucleolus organizer 6833
Triticum aestivum, chromosome translocation 7931
Vicia benghalensis 7107
Zea mays 4590
***In vitro* culture** 6671
in vitro culture (*see also* Anther culture; Cell culture; Embryo culture; Ovule culture; Protoplast culture; Tissue culture)
***In vitro* culture**
Alstroemeria 7655
books 11117
Brassica, Chinese cabbages 2544
cereals 1262
books 9919
Cicer arietinum 1534
Coffea 4107, 7555, 12803
conferences 3140
crops, books 4339, 5498, 9920
Cucumis melo 2622
Cucumis sativus, gene expression 645
Elaeis guineensis 7501
forest trees, books 5502
Hibiscus (×) *Lavatera* 6437
Lavatera thuringiaca 6437
Lilium 8876-8877
Nicotiana tabacum 9726, 10855
nut crops, books 5502
Olea europaea 11834, 12756
ornamental plants 7655
Osmunda regalis 7707
Phaseolus vulgaris 4855
Prunus avium 11728
reviews 11208
Rosa 12927
Saccharum officinarum 4090, 8650
Solanum tuberosum 9509
Vigna mungo
polyethylene glycol 1555
stress 1555
Vitis vinifera 2701
books 775
Zea mays 3462
***In vitro* selection**
Artemisia annua, artemisinin 4300
Banksia
Phytophthora cinnamomi 3038
Phytophthora citricola 3038
Brassica campestris
sarson
endosulfan 4054
pesticides 4054
Brassica chinensis, heat resistance 581
Brassica juncea, salinity 11811
Brassica napus
rape
oxalic acid 12737
toxic substances 12737
Brassica oleracea
cauliflowers
cold resistance 1630
hydroxyproline 1630
Citrus sinensis, salinity 11776
crops, fungi 12099
***In vitro* selection,** *Cymbopogon martinii,* salinity 12049
***In vitro* selection**
Datura fastuosa
cadmium 1112
toxic substances 1112
Foeniculum vulgare, Phomopsis foeniculi 8925
Fragaria ananassa
Botrytis cinerea 7394
Rhizoctonia fragariae 7394
Gladiolus grandiflorus, Fusarium oxysporum 13008
Glycine max
atrazine 9422
Fusarium solani 1504
herbicides 9422

***In vitro* selection** *cont.*
Glycine max cont.
photosynthesis 9422
Gossypium hirsutum
Fusarium oxysporum 9769
oxidants 4145
salinity 4145
Helianthus annuus, Alternaria alternata 5186
***In vitro* selection,** *Helianthus annuus,* drought resistance 12745
***In vitro* selection,** *Helianthus annuus,* salinity 10798
***In vitro* selection,** *Helianthus argophyllus,* drought resistance 12745
***In vitro* selection**
Hordeum vulgare
cold resistance 4561
glyphosate 4569
herbicides 4569
hydroxyproline 4561
toxic substances 4561
Kosteletzkya virginica, salinity 3640
Lycopersicon esculentum
quality 11643
Verticillium dahliae 7321
Medicago sativa
drought resistance 427
salinity 1445
***In vitro* selection,** *Medicago varia,* salinity 11500
***In vitro* selection**
Musa
Mycosphaerella fijiensis 7408
Mycosphaerella musicola 11767
Nicotiana tabacum
cytosine deaminase 10851
drought resistance 12821
salinity 7583, 8701, 12821
tobacco mosaic tobamovirus 12827
Onobrychis viciifolia, methionine 9364
ornamental plants, pathogens 3001
Oryza sativa
cold resistance 12403
drought resistance 8174
salinity 2358
stress 11441
Pisum sativum, salinity 1530
Prunus, peaches, *Agrobacterium tumefaciens* 752
Rubus idaeus, cold resistance 5116
Saccharum officinarum
ametryn 2801-2802
anoxia 8661
2,4-D 2801
herbicides 2801-2802
waterlogging 8661
Solanum tuberosum
cold resistance 8386
Verticillium albo-atrum 7228
Thymus vulgaris, thymol 7732
Trifolium pratense
aluminium 439
toxic substances 439
Trifolium repens, salinity 8236
triticale
aluminium 6889
Fusarium culmorum 6878
Gibberella zeae 6878
Triticum aestivum
atrazine 10098
cold resistance 4515, 5643
difenzoquat 10098
drought resistance 4522
Fusarium culmorum 2192
Gibberella zeae 2192
herbicides 10098
hydroxyproline 4515
proline 5643
salinity 170, 4521, 10076
toxic substances 4515
Vigna radiata, salinity 4893
Zea mays
cold resistance 299
drought resistance 5828
stress 5828
tryptophan 11355
Zoysia, salinity 5971
Inbreeding 11708
Arabidopsis thaliana 7826
Cyclamen creticum 8865
Inbreeding *cont.*
mathematics 2032, 7851
Prunus persica 3955
fruits 8491
Solanum tuberosum 1558
statistics 1227
Trifolium repens 11505
Triticum aestivum 7883
Zea mays 10175
restriction fragment length polymorphism 8077
Inbreeding depression 4441, 9067
Amsinckia 1061
Athyrium filix-femina 11051
Brassica campestris
sarson 7470
ovules 12728
quality 7433
yields 7433
toria
ovules 12728
quality 7433
yields 7433
Brassica chinensis 12585
Cajanus cajan, yield components 9478
Clarkia pulchella 12981
Eucalyptus regnans 10901
Fragaria ananassa 12664
Hibiscus sabdariffa 7614
Lupinus texensis 4797, 4799
mathematics 91, 1230
Mimulus guttatus 1053, 1057, 8831, 12982
Oryza sativa 7037
Picea abies 10967
Plantago ovata 7713
Vigna radiata 7207
Zea mays
development 5785
morphology 5785
statistics 9183
yield components 3442
Incompatibility
Alstroemeria 7655
Asparagus densiflorus 1641
Asparagus officinalis 1641
Beta vulgaris, sugarbeet, genetics 11864
Eucalyptus platypus 10900
Eucalyptus spathulata 10900
Gossypium barbadense, recombination 8720
Gossypium hirsutum, recombination 2875, 8720
Ipomoea batatas 10559
ornamental plants 7655
Prunus armeniaca 3947
genetics 704
Prunus avium, genetics 11706
Indigofera, taxonomy 9365
Indocalamus confertus, taxonomy 9899
Induced mutations
Abelmoschus esculentus, yield components 8463, 9587
Amaranthus edulis, photosynthesis 2371
Arabidopsis thaliana
abscisic acid 2105
cellulose 9023
cold resistance 3243
growth regulators 2105, 4420, 11176
herbicides 2105
norflurazon 2105
patatin 4910
photosynthesis 75
phytochrome 3220
sucrose 9040
transposable elements 7823
waxes 4395
Arachis hypogaea
fungi 9688
Mycosphaerella berkeleyi 6285
Puccinia arachidis 6285
Bougainvillea, variegation 6433
Brassica juncea
oils 6244
yield components 7450
yields 6244
Brassica napus
rape
oxalic acid 12737
toxic substances 12737
Brassica oleracea, broccoli 1627
Induced mutations *cont.*
Cajanus cajan
male sterility 9467
peroxidases 8339
yield components 9472
Cannabis sativa 2911
Capsicum annuum, streptomycin 7330
cereals, history 3259
Chloris gayana, chlorophyll 2387
Cicer arietinum, fertility 9454
Citrus, seedlessness 7416
Citrus sinensis 7415
Clitoria ternatea 11018
Corchorus capsularis, roots 4151
Corchorus olitorius
flowers 7609
leaves 7609
crops, history 3259
Cucumis sativus 1709
habit 1710
height 1710
Cymbopogon flexuosus, geraniol 13046
Dendranthema morifolium
chlorophyll 8807
colour 5400, 6467
flowers 1063, 6467, 8807
leaves 1063, 8807
Eleusine coracana
chlorophyll 8125
fertility 8125
Eriobotrya japonica 668
Euphorbia lagascae
chlorophyll 5207
morphology 5207
shedding 5207
Eustoma grandiflorum, flowers 5406
Glycine max
β-conglycinin 466
growth period 9380
morphology 3706
nitrogenase 3715
nodulation 3715
oils 3714
palmitic acid 4831
proteins 3714
stearic acid 4830
yield components 3706, 8261, 8276
Gossypium barbadense, yield components 8724
Gracilaria verrucosa 1131
Guizotia abyssinica 8612
Hamatocactus setispinus 3109
Helianthus annuus 12743
chlorophyll 1806
leaves 1806
seeds 2757
yield components 7491
Hordeum vulgare 108, 197, 199, 2212, 5667, 5669, 6785, 10103, 11201, 11309
chlorophyll 198, 8019
development 8019
endosperm 206
inflorescences 198, 11308
morphology 3370
Ipomoea batatas, Ditylenchus destructor 1595
Iris hollandica 11029
Jatropha curcas, leaves 6296
Lantana depressa, variegation 6433
Lens culinaris
germination 5998
height 8321
Linum usitatissimum
flax 11912
linseed, chlorophyll 8586
Lycium barbarum 3110
Macroptilium atropurpureum, yield components 8246
Macrotyloma uniflorum, plant composition 11589
Medicago truncatula
ethylene 5980
growth regulators 5980
Rhizobium 5980
Mentha arvensis, essential oils 9892
Mentha piperita, essential oils 9892
Musa
growth period 6214
height 1748
leaves 1748, 5140

Induced mutations *cont.*
Musa cont.
yield components 2707
Nicotiana plumbaginifolia
acetolactate synthase 916
amino acids 916
nitrate reductase 8700
Nicotiana tabacum 11201
Nigella sativa, chlorophyll 9885
Oryza sativa 2324, 4689, 5894, 9290, 11409
chlorophyll 5900
endosperm 11431
glutelins 4713, 12396
growth period 362, 4708
height 362, 4661, 4708, 9299
lysine 11431
Magnaporthe grisea 8145
male sterility 3591
nitrate reductase 10314, 10318
proteins 4707
roots 10315
seeds 8145
xanthine dehydrogenase 10318
yield components 1406, 5908
Papaver somniferum, statistics 13023
Pennisetum glaucum
Claviceps purpurea 6990
yield components 6990
Pennisetum purpureum
carotenoids 5862
chlorophyll 5862
Petunia hybrida, habit 3071
Phaseolus vulgaris 8303, 12487-12488
chlorophyll 2447
colour 2447
seeds 2447
Pisum sativum
germination 5998
phytochrome 10468
Rhizobium 497
Prunus armeniaca
fruits 720
vigour 720
Prunus dulcis 2728
Prunus mume 3948
Psophocarpus tetragonolobus
nodulation 2483
seeds 2483
tannins 2483
Pyrus communis, habit 6182
Pyrus pyrifolia, Alternaria alternata 5092, 11680
reviews 94
Rosa hybrida
chlorophyll 8807
fertility 12958
flowers 8807
haploidy 12958
leaves 8807
pollen 12958
Saccharum officinarum
Puccinia keuhnii 5215
Puccinia melanocephala 5215
Setaria italica 3558
Solanum khasianum, yield components 11062
Solanum sisymbriifolium, streptomycin 8370
Solanum tuberosum 12549
photosynthesis 540
yield components 7221
Tradescantia
peroxidases 1097
plant hairs 6519
reviews 12028
Trichosanthes cucumerina, chromosome pairing 5074
triticale 108
chlorophyll 8065
Triticum aestivum 121
apomixis 6718
diseases 7995
endosperm 10063
heat resistance 11275
height 7995, 8005
lipids 11275
male sterility 1279, 5624
Puccinia graminis 8005
Puccinia recondita 8005
quality 3339

Induced mutations *cont.*
Triticum aestivum cont.
starch 10063
yield components 6713
Triticum durum, yield components 6713, 6725
Vicia faba 10445, 12480
chromosome pairing 8294
phenolic compounds 12481
seeds 12481
yield components 479
Vigna mungo 10510, 10512
chlorophyll 10511
flowers 7206
Meloidogyne incognita 525
morphology 10511
seeds 7206
yield components 8356
Vigna radiata, yield components 9491
Vigna umbellata, yield components 12529
Vigna unguiculata 8349
Zea mays 259, 3459, 10167-10169
chlorophyll 10220
height 10208
leaves 5764
photosynthesis 8087
plant pigments 8087
roots 10201
tillering 10221
tissue culture 10228
yield components 1366
Zinnia elegans
colour 12983
morphology 12983
Inflorescences
Antirrhinum, gene expression 4405
Arabidopsis thaliana
gene expression 4405
mutations 6631
nucleotide sequences 4405, 6631
Brassica oleracea
broccoli 1624
cauliflowers, heterosis 3835
Dactylis glomerata 11470
Elymus 4775
Gypsophila 11988
Hordeum vulgare 3382
epistasis 8027
heritability 8027
induced mutations 198, 11308
linkage 8027
mutations 198, 3372
natural selection 10108
Luffa aegyptiaca 3912
Mangifera indica 1751, 8536
Ornithogalum 8871
Oryza sativa 5902
gene expression 6682
nucleotide sequences 6682
Secale × *Triticum*
gene location 6855
genetics 6855
Sinapis alba
gene expression 12739
nucleotide sequences 12739
Sorghum bicolor
gene expression 6682
nucleotide sequences 6682
Tagetes 5407
Tripsacum dactyloides 9261
Triticum aestivum
genetic variance 11252
homozygosity 139
Zea 9261
Zea mays
genetics 271, 1367, 9221, 10218, 10222
heritability 11345
mutations 9221, 10222, 11343
pleiotropy 1367
Information processing 11124
Allium cepa, bulbs 7266
breeding 6592
gene banks 3155
genetic resources 11128
conferences 9912
variety trials 11130
Inga albicoria, taxonomy 5304
Inga mitaraka, taxonomy 5304
Inga nouragensis, taxonomy 5304

Inga thibaudiana, random amplified polymorphic DNA 7631
Injuries
Arabidopsis thaliana 9051
Brassica oleracea, kale, gene expression 7279
Lycopersicon esculentum
gene expression 592, 3290, 3876, 12603
genetic transformation 3885
nucleotide sequences 592
Medicago sativa, gene expression 7104
Nicotiana tabacum
gene expression 2851, 6332
genetic transformation 4121
Petroselinum crispum, gene expression 2851
Solanum phureja, gene expression 3290
Inocybe cinnamomea, taxonomy 13052
Inocybe pullata, taxonomy 13052
Insecticidal proteins, *Glycine max,* genetic transformation 2438
Insecticides, *Lycopersicon esculentum,* genetic engineering 3884
Insects
Acacia drepanolobium 10931
Acacia zanzibarica 10931
Arabidopsis thaliana, genetic transformation 9050
Brassica napus, rape, genetic transformation 4053
crops
artificial selection 3166
genetic engineering 3166
Eucalyptus 11926
Glycine max 4844-4845
genetic transformation 2438
Gossypium hirsutum 2904, 5259-5260
genetic engineering 12838
genetic transformation 8707, 8714
Lycopersicon
gene mapping 12614
random amplified polymorphic DNA 9546
Lycopersicon esculentum
genetics 2592
heritability 2592
mutations 3886
Lycopersicon hirsutum
genetics 2592
heritability 2592
Lycopersicon pennellii, random amplified polymorphic DNA 9546
ornamental plants 6419
Pinus contorta 7644
Pinus sylvestris 7644
Populus
genetic transformation 10924
molecular genetics 2946
Ribes 11738
Rubus 11738
Saccharum officinarum 10834
Salix viminalis, gene expression 11940
small fruits, genetic transformation 3962
Solanum, tuberous species 6094
Solanum tuberosum 1581
Sorghum bicolor 1387
Trifolium repens, molecular genetics 3685
Triticum aestivum 6758
Zea diploperennis 10265
Zea mays 6901, 10265
genetic transformation 9257
Zea parviglumis 10265
Intellectual property rights 5513, 6599, 7776
genetic engineering 5525
genetic resources 6601
Interchanges (*see* Chromosome translocation)
Intergeneric hybridization
Aegilops × *Secale* 187, 6836
Aegilops × triticale 6837
Aegilops × *Triticum* 122, 185, 1276, 2145, 3315, 4475, 4480, 4488, 4543, 5613-5614, 5616, 5649, 5653-5655, 6703, 6712, 6760, 7927-7928, 7932, 7944, 9132, 10040, 10045, 10096, 11241, 11256, 12223, 12248

Intergeneric hybridization *cont.*
Agropyron × *Dasypyrum* × *Secale* × *Triticum* 11226
Agropyron × *Triticum* 4483, 8000
Apium × *Petroselinum* 10585
Atylosa × *Cajanus* 8340
Avena × *Elymus* × *Secale* × *Triticum* 6690
Avena × *Zea* 9189
Brassica 3836
Brassica × *Diplotaxis* 7275
Brassica × *Eruca* 7447, 11793
Brassica × *Eurocastrum* 11795
Brassica × *Moricandia* 7446
Brassica × *Orychophragmus* 4083, 6245, 9660, 11796
Brassica × *Raphanus* 1769, 3836, 7252, 7275, 7443, 9526, 11621, 11795
Brassica × *Sinapis* 1769, 6243, 7445, 8422
Brassicaceae 3836, 7250
Cajanus × *Atylosia* 8340
Cattleya dowiana 13013
Cenchrus × *Pennisetum* 5861
Citrus 7414
Citrus × *Poncirus* 797, 7411, 7420, 8521, 12690
crops 1242
Dasypyrum × *Agropyron* × *Secale* × *Triticum* 11226
Dasypyrum × *Triticum* 1300, 10043, 11283
Diplotaxis × *Brassica* 7275
Diplotaxis × *Erucastrum* 7522
Diplotaxis × *Moricandia* 578
Elymus × *Avena* × *Secale* × *Triticum* 6690
Elymus × *Hordeum* 8214
Elymus × *Leymus* 7084
Elymus × *Psathyrostachys* 1437
Elymus × *Secale* 2142
Elymus × triticale × *Triticum* 4469
Elymus × *Triticum* 122, 125, 180, 2142, 2145, 2147-2148, 2166, 3364, 4481, 5618, 6716, 7998, 10033, 11239-11240, 12248
Elymus × *Triticum* × *Thinopyrum* 2146
Elymus × *Triticum* × *Zea* 2257
Erianthus × *Saccharum* 8641
Eruca × *Brassica* 7447, 11793
Eruca × *Raphanus* 7447
Erucastrum × *Diplotaxis* 7522
Eurocastrum × *Brassica* 11795
Festuca × *Lolium* 406, 411, 1430, 7081, 8206, 9332, 11459-11460, 11463, 11466
Fragaria × *Potentilla* 1733
Hordeum vulgare 7873
Hordeum × *Elymus* 8214
Hordeum × *Leymus* 3292
Hordeum × *Secale* 11323
Hordeum × triticale × *Triticum* 6835
Hordeum × *Triticum* 109, 2126-2127, 2129, 4464-4465, 4568, 6684, 6687, 10030, 11227, 12205, 12208, 12210, 12226, 12237
Leymus × *Elymus* 7084
Leymus × *Hordeum* 3292
Leymus × *Psathyrostachys* 7084
Leymus × *Triticum* 6711, 9114, 11239
Lolium × *Festuca* 406, 411, 1430, 7081, 8206, 9332, 11459-11460, 11463, 11466
Lycopersicon × *Solanum* 10594
Moricandia × *Brassica* 7446
Moricandia × *Diplotaxis* 578
Moricandia × *Raphanus* 4940
Odontioda 7704
Odontoglossum 7704
Orchidaceae 11040
Orychophragmus × *Brassica* 4083, 6245, 9660, 11796
Pennisetum × *Cenchrus* 5861
Pennisetum × *Triticum* 7929
Petroselinum × *Apium* 10585
Poncirus × *Citrus* 797, 7411, 7420, 8521, 12690
Potentilla × *Fragaria* 1733
Psathyrostachys × *Elymus* 1437
Psathyrostachys × *Leymus* 7084
Pyrus × *Sorbus* 3938
Intergeneric hybridization *cont.*
Raphanus sativus 7250
Raphanus × *Brassica* 1769, 3836, 7252, 7275, 7443, 9526, 11621, 11795
Raphanus × *Eruca* 7447
Raphanus × *Moricandia* 4940
Renanthera 7701
Saccharum × *Erianthus* 8641
Secale cereale 7873
Secale × *Aegilops* 187, 6836
Secale × *Agropyron* × *Dasypyrum* × *Triticum* 11226
Secale × *Avena* × *Elymus* × *Triticum* 6690
Secale × *Elymus* 2142
Secale × *Hordeum* 11323
Secale × triticale 299, 3294, 6848
Secale × *Triticum* 123, 156, 1347, 2145, 3315, 3331, 4463, 4476, 5616, 6817, 6839, 6841, 6854-6856, 6865, 11243, 11323, 12212
Setaria × *Sorghum* 4639
Sinapis × *Brassica* 1769, 6243, 7445, 8422
Solanum × *Lycopersicon* 10594
Sorbus × *Pyrus* 3938
Sorghum × *Setaria* 4639
Tellima × *Tolmiea* 1058
Thinopyrum × *Elymus* × *Triticum* 2146
Thinopyrum × *Triticum* 2198
Tolmiea × *Tellima* 1058
Tripsacum × *Triticum* 12206
Tripsacum × *Zea* 1362, 4599-4600, 5837, 9210, 10164
triticale × *Aegilops* 6837
triticale × *Elymus* × *Triticum* 4469
triticale × *Hordeum* × *Triticum* 6835
triticale × *Secale* 299, 3294, 6848
triticale × *Triticum* 1265, 3293, 6868, 6874, 7874, 7876, 11230, 12303
triticale × *Zea* 6840
Triticeae 3292
Triticum 12225
Triticum aestivum 6760, 7873
Triticum × *Aegilops* 122, 185, 1276, 2145, 3315, 4475, 4480, 4488, 4543, 5613-5614, 5616, 5649, 5653-5655, 6703, 6712, 6760, 7927-7928, 7932, 7944, 9132, 10040, 10045, 10096, 11241, 11256, 12223, 12248
Triticum × *Agropyron* 4483, 8000
Triticum × *Agropyron* × *Dasypyrum* × *Secale* 11226
Triticum × *Avena* × *Elymus* × *Secale* 6690
Triticum × *Dasypyrum* 1300, 10043, 11283
Triticum × *Elymus* 122, 125, 180, 2142, 2145, 2147-2148, 2166, 3364, 4481, 5618, 6716, 7998, 10033, 11239-11240, 12248
Triticum × *Elymus* × triticale 4469
Triticum × *Elymus* × *Zea* 2257
Triticum × *Hordeum* 109, 2126-2127, 2129, 4464-4465, 4568, 6684, 6687, 10030, 11227, 12205, 12208, 12210, 12226, 12237
Triticum × *Hordeum* × triticale 6835
Triticum × *Leymus* 6711, 9114, 11239
Triticum × *Pennisetum* 7929
Triticum × *Secale* 123, 156, 1347, 2145, 3315, 3331, 4463, 4476, 5616, 6817, 6839, 6841, 6854-6856, 6865, 11243, 11323, 12212
Triticum × *Thinopyrum* 2198
Triticum × *Thinopyrum* × *Elymus* 2146
Triticum × *Tripsacum* 12206
Triticum × triticale 1265, 3293, 6868, 6874, 7874, 7876, 11230, 12303
Triticum × *Zea* 1277, 2143, 3311, 4479, 6686, 7929, 12206-12207, 12222
Zea × *Avena* 9189
Zea × *Elymus* × *Triticum* 2257
Zea × *Tripsacum* 1362, 4599-4600, 5837, 9210, 10164
Zea × triticale 6840
Zea × *Triticum* 1277, 2143, 3311, 4479, 6686, 7929, 12206-12207, 12222
International Center for Agricultural Research in the Dry Areas, reports 1134
International Institute of Tropical Agriculture, reports 1136
International Network for the Improvement of Banana and Plantain, reports 2009
International Plant Genetic Resources Institute, reports 2010
International Potato Center, reports 11101
Internodes
Glycine max, mutations 9385
Hordeum vulgare, genetics 2217
Oryza sativa
genetic markers 3608
restriction fragment length polymorphism 3608
Triticum aestivum
combining ability 11255
heritability 11250
heterosis 11255
Interspecific hybridization
Acer platanoides 12885-12886
Acer truncatum 12885-12886
Actinidia arguta 5132-5133
Actinidia deliciosa 5132-5133
Adenium obesum 6516
Adenium swazicum 6516
Allium 7257
Allium ampeloprasum 7264
Allium cepa 6107, 7259, 7264
Allium chinense 566
Allium fistulosum 6107, 7259
Allium thunbergii 566
Allium tuberosum 566
Aloe arborescens 7714
Aloe claviflora 7715
Aloe ferox 7714-7715
Alstroemeria 6492, 8867
Alstroemeria aurea 8868
Alstroemeria caryophyllaea 8868
Alstroemeria ligtu 9852
Alstroemeria pelegrina 9852, 9854
Alstroemeria psittacina 9854
Anigozanthos manglesii 7674
Anigozanthos pulcherrimus 3048
Anigozanthos rufus 3048
Anigozanthos viridis 7674
Annona cherimola 5160
Annona squamosa 5160
Arachis 4079, 9689
Arachis batizocoi 6271
Arachis cardenasii 2772, 4074-4075, 6284, 12767
Arachis chacoense 4074
Arachis duranensis 4075, 6271
Arachis glandulifera 6271
Arachis hypogaea 2772, 4074-4075, 4079, 6271, 6284, 9689, 12767
Arachis stenosperma 4074-4075
Arachis valida 6271
Asparagus densiflorus 1641
Asparagus officinalis 1641
Avena byzantina 4578
Avena hirtula 225
Avena sativa 225, 4578, 12299
Avena sterilis 12299
Banksia hookeriana 4223
Banksia prionotes 4223
Beta maritima 1841, 2820, 5231, 9702
Beta vulgaris 1841, 5231
sugarbeet 2820, 9702
Brachiaria brizantha 7091, 11486
Brachiaria ruziziensis 7091, 11486
Brassavola cordata 4284
Brassavola cucullata 4284
Brassavola nodosa 4284
Brassavola perrinii 4284
Brassica 1767, 1792, 3836, 7275, 7447-7448
Brassica alboglabra 8563, 10774, 11797
Brassica campestris 1612, 1767, 1770, 4036, 5180, 6242, 8563, 12722
sarson 10774, 11797
turnip rape 828, 7461, 10578, 10774
random amplified polymorphic DNA 4035
Brassica carinata 1612-1613, 2741, 8569, 8578
cytoplasmic male sterility 829

Interspecific hybridization *cont.*
Brassica chinensis 5174, 6119, 7462, 8568
Brassica juncea 2735, 2741, 7444, 7448, 8578
Brassica napus 1611, 2741, 7462, 8563, 8569, 12722
rape 828-829, 1769-1770, 4036, 5180, 6242, 7292, 7461, 7473, 8562, 8564, 8568, 8578, 10774
random amplified polymorphic DNA 4035
Brassica nigra 8562, 8564, 10578
Brassica oleracea 8564
broccoli 1611, 5174, 7292
cabbages 6119
cauliflowers 828, 1613, 10578
kale 7473
Brassica pekinensis 1612, 2735
Brassica tournefortii 7444
Brassicaceae 3836
Cajanus cajan 7193, 9470, 9473, 12523
Cajanus platycarpus 9473
Cajanus scarabaeoides 12523
Cajanus sericeus 7193, 9470
Camellia chrysantha 3035
Camellia lutchuensis 12922
Camellia rusticana 12922
Capsicum annuum 5061, 11653
Capsicum chinense 5061
Capsicum frutescens 11653
Carica 806
Carica cauliflora 805, 12699
Carica papaya 805-806, 9644, 12699
Carica pubescens 9644
Carica quercifolia 9644
Chamaecyparis obtusa, random amplified polymorphic DNA 1033
Chamaecyparis pisifera, random amplified polymorphic DNA 1033
Chamelaucium megalopetalum 4219-4222
Chamelaucium uncinatum 4219-4222
Cicer arietinum 1535, 7185, 12514
Cicer echinospermum 12514
Cicer reticulatum 1535, 7185, 12514
Cistus 3036
Citrus 796, 2712, 2714, 2716, 4000, 5148, 7411-7412, 8522, 10741, 11773, 12691
Citrus aurantiifolia 5148
Citrus limon 11772
Citrus paradisi 796
Citrus reticulata 5148-5149
Citrus sinensis 2716, 5148-5149, 10741, 11772
Clematis aristata 3013
Clematis gentianoides 3013
Coffea arabica 7554
Coffea dewevrei 7554
Crocus 1969
Crocus biflorus 9850
Crocus chrysanthus 9850
Cucumis hystrix 2646
Cucumis sativus 2646
Cucurbita moschata 2630
Cucurbita pepo 1704, 2630
Cucurbita texana 1704
Cuphea lanceolata 5204
Cuphea viscosissima 5204
Cyclamen graecum 1970
Cyclamen persicum 1970, 8866
Cyclamen purpurascens 8866
Cymbopogon jwarancusa 5469
Cymbopogon nardus 5469
Cypripedium calceolus 6504, 7703
Cypripedium macranthum 6504, 7703
Dianthus caryophyllus 3044-3045
Dianthus plumarius 3044-3045
Diplotaxis tenuifolia 7521
Diplotaxis viminea 7521
Dipsacus fullonum 8928
Dipsacus sativus 8928
Drosera rosulata 8900
Drosera tubaestylis 8900
Elymus hoffmanni 7085
Elymus repens 7085
Epipactis atrorubens 7705
Epipactis helleborine 7705
Eragrostis curvula 3663
Eragrostis lehmanniana 3663

Interspecific hybridization *cont.*
Erica manipuliflora 10996
Erica vagans 10996
Eucalyptus 961
Eucalyptus amygdalina 4164
Eucalyptus drummondii 12858
Eucalyptus ficifolia 1879-1880
Eucalyptus grandis 5281, 6366, 7619, 10898-10899
Eucalyptus platypus 10900
Eucalyptus ptychocarpa 1879-1880
Eucalyptus risdonii 4164
Eucalyptus rudis 12858
Eucalyptus spathulata 10900
Eucalyptus urophylla 5281, 6366, 7619, 10898-10899
Fagopyrum esculentum 2367
Fagopyrum tataricum 2367
Festuca 11459
Fragaria ananassa 10695
Fragaria vesca 10695
Fraxinus excelsior, random amplified polymorphic DNA 10928
Fraxinus oxyphylla, random amplified polymorphic DNA 10928
Geranium sessifolium 8834
Geranium traversii 8834
Glycine 1492
Glycine gracilis 6016, 8260, 12460
Glycine max 458, 6016, 7133, 8260, 8280, 9376, 9400, 12460
Glycine soja 458, 7133, 8280, 9376, 9400, 12460
Gossypium 4134, 7592, 8726, 11903, 11909
Gossypium anomalum 9767
Gossypium arboreum 2878
Gossypium armourianum 10872
Gossypium barbadense 4141, 8727, 8731, 12832
Gossypium harknessii 10872
Gossypium hirsutum 933-934, 2878, 4141, 8727, 8731, 9764, 9767, 10872, 11909, 12832
Gossypium klotzschianum 9764
Gossypium longicalyx 11909
Gossypium raimondii 10872
Gossypium thurberi 12832
Helianthus 1807, 7487, 7492
cytology 847
Helianthus annuus 1802, 5187, 7487, 10789, 10799, 12168, 12745
Helianthus argophyllus 5187, 10789, 12745
Helianthus divaricatus 1802
Helianthus mollis 1802
Helianthus tuberosus 10799, 12168
Hordeum bulbosum 4566, 5684, 8018
Hordeum spontaneum 2221, 5663, 11318
Hordeum vulgare 2221, 4566, 5663, 5684, 8018, 11318
Hypericum maculatum 1986
Hypericum perforatum 1986
Ilex dipyrena 12912
Ilex gibraltarica 12912
Ipomoea 4936, 7246
Ipomoea batatas 4938
Ipomoea trifida 4938
Ipomopsis aggregata 7681, 12990
Ipomopsis tenuituba 7681, 12990
Iris 5423
Iris brevicaulis 6490
Iris chrysophylla 6489
Iris douglasiana 6489
Iris fulva 4276, 6490-6491
Iris germanica 3077
Iris hexagona 4276, 6490-6491
Iris innominata 6489
Iris tectorum 3077
Iris tenax 6489
Juglans hindsii 1758
Juglans nigra 12713
Juglans regia 1758, 12713
Larix decidua 4210, 11975, 12908
Larix leptolepis 4210, 11975, 12908
Lathyrus annuus 2410
Lathyrus belinensis 11024
Lathyrus hierosolymitanus 2410
Lathyrus odoratus 11024
Lavandula angustifolia 7738
Lavandula latifolia 7738

Interspecific hybridization *cont.*
Lens culinaris 7182
Lens ervoides 7182
Lens lamottei 7183
Lens nigricans 7183
Leptospermum scoparium 12951
Leptospermum spectabile 12951
Leucaena diversifolia 2411
Leucaena leucocephala 2411
Leucospermum conocarpodendron 6441
Leucospermum patersonii 6441
Leymus 7084
Lilium 3086, 9856
Lilium callosum 3090
Lilium longiflorum 3088-3090, 3097
Lilium maculatum 3088-3089, 9856
Lilium pensylvanicum 3097
Limonium perezii 6466
Limonium perigrinum 6466
Limonium purpuratum 6466
Limonium sinuatum 6466
Liriodendron chinense 6384
Liriodendron tulipifera 6384
Lolium 11459
Lolium multiflorum 408
Lolium perenne 408
Lupinus 4798
Lycopersicon 601
Lycopersicon cheesmanii 5046, 8431, 12609
Lycopersicon chilense 9551
Lycopersicon esculentum 600, 621-622, 1647, 1653, 1655, 1662, 1670, 1672, 2574, 2592, 3862, 5007-5008, 5033-5034, 5036, 5046, 6141, 6147, 8431, 9546, 9551, 9567, 9571, 10599, 11641, 11649, 12609-12610, 12614
Lycopersicon hirsutum 621, 2574, 2592, 6147, 9571, 11649
Lycopersicon pennellii 1647, 1653, 3862, 6141, 9546, 10599, 12610, 12614
Lycopersicon peruvianum 600, 621-622, 1670, 1672, 5007-5008, 5036, 9551, 9567, 11641
Lycopersicon pimpinellifolium 621, 1655, 1662, 5033-5034, 12609
Mahonia confusa 5349
Mahonia gracilipes 5349
Malus pumila 11672-11673
Malus purpurea 11672-11673
Malus scheideckeri 11672-11673
Manihot esculenta 7240, 10553
Manihot glaziovii 10553
Manihot hilariana 4933
Manihot nana 4933
Manihot neusana 7240
Manihot nogueirae 4933
Manihot pohlii 7240
Manihot salicifolia 4933
Medicago 1442
Medicago ciliaris 5977
Medicago intertexta 5977
Mimulus guttatus 6470, 12988, 12992
Mimulus micranthus 12988
Mimulus platycalyx 6470, 12992
Morus bombycis 10711
Morus indica 10711
Morus multicaulis 10711
Nicotiana africana 4117
Nicotiana alata 915
Nicotiana amplexicaulis 10856
Nicotiana excelsior 10856
Nicotiana glutinosa 915, 6670
Nicotiana gossei 9724
Nicotiana plumbaginifolia 914-915, 7574
Nicotiana rustica 2847, 9724, 10856, 12812
Nicotiana sylvestris 7574
Nicotiana tabacum 914-915, 2847, 4117, 6670, 9724, 10856, 12812
Odontioda 7704
Odontoglossum 7704
Orchis laxiflora 1092, 11041
Orchis morio 11041
Orchis palustris 1092
Ornithopus compressus 8245
Ornithopus sativus 8245
Oryza 5888-5889, 9289
Oryza glaberrima 8144, 12364
Oryza glumaepatula 4693

Interspecific hybridization *cont.*
Oryza grandiglumis 2326
Oryza latifolia 4722
Oryza longistaminata 7012
Oryza meridionalis 5889
Oryza minuta 1405, 2322, 4690, 10303
Oryza officinalis 4690, 11408
Oryza punctata 4685
Oryza rufipogon 1403, 2327, 4727, 10302
Oryza sativa 1403, 1405, 2322, 2326-2327, 4685, 4693, 4722, 4727, 7012, 8144, 10302-10303, 11408, 12364
Pelargonium hortorum 10997
Pelargonium quinquelobatum 10997
Pennisetum 5861
Pennisetum glaucum 1391, 2307-2308, 3561, 9274, 11391, 12350
Pennisetum mollissimum 1391
Pennisetum purpureum 2307-2308, 3561, 9274, 11391, 12350
Pennisetum violaceum 1391
Petunia 5414
Phalaris aquatica 422
Phalaris arundinacea 422
Pharbitis limbata 9829
Pharbitis nil 9829
Phaseolus 12484
Phaseolus acutifolius 1517, 8304
Phaseolus coccineus 6043, 12486
Phaseolus polyanthus 6043
Phaseolus vulgaris 1517, 4855, 6043, 8304, 12484, 12486
Picea abies 4203
Picea engelmannii 5320, 10972, 11968
Picea glauca 5320, 10972, 11968, 12851
Picea obovata 4203
Picea sitchensis 11968
Pinus caribaea 6404
Pinus densiflora, genetic markers 4191
Pinus elliottii 6404
Pinus mugo 8798
Pinus nigra 2968
Pinus sylvestris 2968, 8798
Pinus thunbergii, genetic markers 4191
Pistacia atlantica 5170
Pistacia vera 5170
Pleurotus 1130, 8930
Pleurotus cornucopiae 11095
Pleurotus florida 11095
Pleurotus ostreatus 9904, 11095
Pleurotus sajor-caju 9904
Pleurotus sapidus 11095
Poa alpina 12420
Poa flexuosa 12420
Populus alba 970, 10919, 12851, 12870, 12873-12875, 12877
Populus deltoides 1884, 5287-5288, 6376, 8785, 10917, 12878-12879
Populus grandidentata 12851
Populus nigra 1884, 2941, 12878
Populus suaveolens 6376
Populus tomentosa 10919
Populus tremula 970, 8786, 9787-9788, 10919, 11934, 12868-12871, 12873-12875, 12877, 12880
Populus tremuloides 8786, 9787-9788, 11934, 12868-12869, 12871, 12880
Populus trichocarpa 5287-5288, 8785, 10917, 12879
Protea 5351
Protea compacta 5346
Protea magnifica 5346
Prunus, cherries 11711
Prunus armeniaca 5094
Prunus avium 6190, 11709, 11723
Prunus canescens 11709
Prunus cerasus 2679
Prunus davidiana 1730, 7383
Prunus dulcis 1727, 3957, 6195, 7382, 7384
Prunus fructicosa 11704, 11732
Prunus incisa 6190, 11709, 11723
Prunus mahaleb 11704
Prunus nipponica 6190, 11723
Prunus persica 1727, 1730, 3957, 5094, 6195, 7382-7384
Prunus pseudocerasus 11709
Prunus tomentosa 11709
Pyrus communis 3940, 12647

Interspecific hybridization *cont.*
Pyrus elaeagrifolia 12647
Pyrus nivalis 12647
Pyrus pyrifolia 3940
Quercus 11928
Quercus petraea 6368, 7623
Quercus robur 6368, 7623
Rhododendron 12921
Rosa 1945, 6457
Rosa canina 1939
Rosa complicata 11992
Rosa gallica 11992
Saccharum officinarum 2780
Saccharum robustum 2780
Salix alba 2948
Salix eriocephala 1887, 10925
Salix fragilis 2948
Salix sericea 1887, 10925
Sesamum alatum 5197
Sesamum indicum 5197
Setaria italica 4642, 5859, 8119
Setaria viridis 4642, 5859, 8119
Sideritis 11900
Solanum 8373, 12556
Solanum acaule 8374
Solanum berthaultii 1582
Solanum bulbocastanum 11597
Solanum chacoense 2492, 7227, 10540
Solanum circaeifolium 11597
Solanum commersonii 8374, 10543
Solanum gourlayi 8374
Solanum microdontum 10540, 12546
Solanum multidissectum 10543
Solanum phureja 538, 1558, 4906-4907
Solanum sanctae-rosae 7227
Solanum spegazzinii 8371, 12546
Solanum tarijense 10543
Solanum tuberosum 538, 1558, 1582, 2492, 4906-4907, 7227, 8371, 10543, 11597, 12202, 12546, 12556
Solanum vernei 12546
Sorbus danubialis 11682
Sorbus torminalis 11682
Sorghum bicolor 1383, 2123, 5846, 6962, 8111-8112, 9266
Sorghum halepense 1383, 8111, 9266
Sorghum macrospermum 6962
Sorghum matarankense 6962
Sorghum stipoideum 6962
Sorghum sudanense 2123, 5846, 8112
Sorghum timorense 6962
techniques 9058
Trifolium nigrescens 10377
Trifolium repens 10377
Triticeae 3292
Triticum 5613, 7950, 12225
Triticum aestivum 2153, 3296, 4478, 4490, 5613, 5641, 6713, 6715, 6760, 9132, 10059, 10085, 11255
Triticum araraticum 10082
Triticum boeoticum 5641, 10093
Triticum dicoccoides 4501
Triticum durum 3296, 4478, 4491, 4501, 6713, 10093
Triticum monococcum 6715, 9132, 10093
Triticum polonicum 4491
Triticum spelta 4490, 10059
Triticum timopheevii 9132, 11255
Triticum turgidum 2153
Triticum urartu 10093
Tulipa 6501, 11039
Tulipa gesneriana 6501
Ulmus glabra 5291
Ulmus minor 5291
Vaccinium angustifolium 7393
Vaccinium corymbosum 7393, 9603
Vaccinium darrowii 9603
Vigna 11586
Vigna angularis 1550
Vigna mungo 514, 2474, 7204
Vigna nakashimae 1550
Vigna radiata 514, 2474, 7204, 11584
Vigna umbellata 11584
Vigna unguiculata 514
Viola lutea 1953
Viola tricolor 1953
Vitis 774
Vitis rotundifolia 1739
Vitis vinifera 1739
Volvariella bombycina 7748
Volvariella volvacea 7748

Interspecific hybridization *cont.*
Zea diploperennis 10243
Zea luxurians 10243
Zea mays 10165
Zea parviglumis 10165
Zea perennis 10243
Zinnia angustifolia 3067
Zinnia marylandica 3067
Zinnia violacea 3067
Zoysia japonica 10364
Zoysia matrella 10364
Introns
Arabidopsis thaliana, nucleotide sequences 3204
Nicotiana tabacum, gene expression 6320
Inula crithmoides, salinity 3120
Inulin, *Helianthus tuberosus* 12576
Inversions (*see* Chromosome translocation)
Ion transport, *Arabidopsis thaliana,* mutations 70
Ions, *Lycium barbarum* 3110
Ipomoea
chromosome number 7246
genetic resources 4895
interspecific hybridization 4936, 7246
leaves 9523
polymorphism, isoenzymes 9523
protoplast fusion 4936
seedlings 9523
Ipomoea batatas
altitude 10564
aluminium 7247
amino acids 11614
calcium 7247
cell culture 10561
cryopreservation 560
Cylas formicarius 3819, 11615
Ditylenchus destructor 4938, 8402
DNA fingerprinting 3813
drought resistance 10565
esterases 8399
β-fructofuranosidase 3815
gamma radiation 1595
gene expression
peroxidases 12564
sporamin 7245, 9522
superoxide dismutase 12565
genetic engineering, trypsin inhibitors 11899
genetic resources 7242
genetic transformation, *Agrobacterium tumefaciens* 4935
genetics
Meloidogyne incognita 3818
Meloidogyne javanica 3818
genotype environment interaction
quality 10564
yield components 10564
germplasm releases 7242
Gibberella baccata 8401
heritability
Meloidogyne incognita 3818
Meloidogyne javanica 3818
hexoses 3815
incompatibility 10559
induced mutations, *Ditylenchus destructor* 1595
interspecific hybridization 4938
isoenzymes 8399
linkage 9521
moisture content 3816
nucleotide sequences
glucose-1-phosphate adenylyltransferase 7244
peroxidases 12564
sporamin 7245, 9522
superoxide dismutase 12565
nutrients 7247
proteins 8399, 11614
protoplast culture 12566
protoplast fusion 10559
quality 1594, 3817, 6101, 10563, 12567
random amplified polymorphic DNA 8401, 9521
starch 3816, 12567
storage 10562
sugars 3816, 10562
tissue culture 560, 1593, 4937, 10560, 11613, 12566
toxic substances 7247
trypsin inhibitors 1592

***Ipomoea batatas** cont.*
variety trials 3811, 10557
varieties
Ayamurasaki 10558
Gunmi 9520
LuShu-8 3812
Mianshuzaoqiu 7243
Ipomoea staphylina, taxonomy 8400
Ipomoea trifida
Ditylenchus destructor 4938
interspecific hybridization 4938
nucleotide sequences
protein kinase 1591
self incompatibility 3814
Ipomopsis aggregata
chloroplast genetics, evolution 12002
flowers 7681
genetic variance 12993
heritability 12993
flowers 1060
interspecific hybridization 7681, 12990
maternal effects 12993
natural selection
flowers 12990
pollination 12990
nectar 7681
pollination 12986
sexual reproduction 12986
Ipomopsis tenuituba
chloroplast genetics, evolution 12002
flowers 7681
interspecific hybridization 7681, 12990
natural selection
flowers 12990
pollination 12990
nectar 7681
Iridaceae, chromosome number, evolution 12012
Iris
chloroplast genetics 5423
Cladosporium iridis 5428
genetic resources 7689
glutamate dehydrogenase 3077
interspecific hybridization 5423
isoenzymes 3077
Iris brevicaulis
interspecific hybridization 6490
pollen competition 6490
Iris chrysophylla
gene flow 6489
interspecific hybridization 6489
Iris douglasiana
gene flow 6489
interspecific hybridization 6489
Iris ensata, nucleolus organizer 11031
Iris fulva
interspecific hybridization 4276, 6490-6491
pollen competition 6490
Iris germanica, interspecific hybridization 3077
Iris hexagona
interspecific hybridization 4276, 6490-6491
pollen competition 6490
Iris hollandica
gamma radiation 11029
induced mutations 11029
nucleotide sequences, ribosome-inactivating proteins 13005
Iris innominata
gene flow 6489
interspecific hybridization 6489
Iris pallida
essential oils 7737
genetic resources 7688
variety trials 7737
Iris pumila
colour 7689
development 4278
light 4278
morphology 4278
seedlings 4278
Iris tectorum, interspecific hybridization 3077
Iris tenax
gene flow 6489
interspecific hybridization 6489
Iris versicolor, self pollination 12013
Iron
Arabidopsis thaliana
gene expression 2102
mutations 2099
nucleotide sequences 2102
Cucumis melo, mutations 3900
Cydonia oblonga, somaclonal variation 3942
gene expression 9084
Glycine max 467, 9402
genetic markers 9403
genetics 9403
Lycopersicon esculentum, mutations 2573
Malus baccata 8470
Malus xiaojinensis 8470
Oryza sativa 378
combining ability 3606
genetic variance 3606
Setaria italica, heritability 3560
Sorghum bicolor 8115-8116
Triticum aestivum 6751-6752
Triticum durum 6752
Zea mays 2281
mutations 3491
Irrigation
Beta vulgaris, sugarbeet 5229
Cicer arietinum 9459
Lens culinaris 6063
Morus 10712
Oryza sativa 7000-7001
Solanum phureja 546
Solanum tuberosum 546
Sorghum bicolor 8117
Triticum aestivum 10066
Zea mays 6945
***Isariopsis** (see Phaeoisariopsis)*
Isocitrate dehydrogenase, *Trifolium repens,* genetics 5984
Isocitrate lyase
Arabidopsis thaliana, gene expression 4046
Brassica napus
gene expression 4046
rape, gene expression 7432
Cucurbita
gene expression 6160
molecular genetics 6160
Gossypium hirsutum, gene expression 7432
Pinus taeda
gene expression 7643
nucleotide sequences 7643
Ricinus communis, gene expression 7432
Isoenzymes
Abies, genetic variation 1021
Abies alba, genetic variation 1018, 6408, 11974
Abies cephalonica, genetic variation 1021
Acacia auriculiformis, genetic markers 973
Acacia kraussiana, genetic variation 10932
Acacia nilotica, genetic variation 10932
Actinidia, genetics 7401
Adenophora potaninii, polymorphism 9831
Agaricus bisporus, variety classification 1129
Agrostis stolonifera, genetic variation 5964
Allium, genetic variation 7263
Allium cepa 6109
genetic variation 2524
Allium wakegi, genetic variation 2524
Aloe arborescens, polymorphism 7714
Aloe ferox, polymorphism 7714
Amaranthus, heterozygosity 3643
Amentotaxus formosana, genetic variation 1035
Amphicarpaea bracteata, polymorphism 449
Arabidopsis thaliana, polymorphism 11170
Arachis hypogaea, genetic variation 6272
Arachis pietrarellii, genetic variation 6272
Arachis villosulicarpa, genetic variation 6272
Argyranthemum frutescens 3061
Aristavena, polymorphism 9340
Armeria maritima, polymorphism 7673
Isoenzymes *cont.*
Arrhenatherum elatius, genetic variation 11484
Asimina triloba 12708
Asparagus officinalis
genetic markers 2555
polymorphism 4989, 7306
Aster kantoensis, genetics 3058
Avena, polymorphism 1260
Avena sativa 8050
Avenella, polymorphism 9340
Bactris gasipaes, heterozygosity 10753
Beta maritima, polymorphism 8674
Blandfordia, genetic variation 9855
Brassica, Chinese cabbages 7283
Brassica napus
rape
genetic distance 8570
genetic variation 11807
Brassica oleracea
genetic markers 1610
multiple alleles 1610
kale 1621
Bromus, genetic variation 10367
Camellia sinensis, heterosis 2824
Canarium, polymorphism 10938
Castanea sativa, genetic variation 815, 10760
Chamaecyparis obtusa, genetic variation 9807
Chimaphila japonica, genetic variation 6528
Citrus 2719, 12691
polymorphism 4002
Clarkia mildrediae
gene expression 9837
multiple genes 9837
Clarkia springvillensis, genetic variation 3060
Codonopsis lanceolata, genetic variation 8927
Coffea arabica 7554
Coffea dewevrei 7554
Colutea arborescens 7120
Colutea atlantica 7120
Coronilla varia 3693
crops, genetic markers 2070
Cryptomeria japonica, genetics 5327
Cucumis melo, genetic variation 8450
Cucumis sativus
genetic variation 1707-1708, 8450
multivariate analysis 1708
Cupressus sempervirens, genetic variation 11980
Cycas pectinata, genetic variation 1031
Cyclamen balearicum, polymorphism 12011
Cyclamen hederifolium, polymorphism 5426
Cyclamen repandum, polymorphism 5426
Cydonia oblonga 11665
Cymbidium, genetic variation 9858
Dactylorhiza purpurella, genetic variation 6507
Daucus carota
gene expression 1586
nucleotide sequences 1586
Deschampsia, polymorphism 9340
Deutzia multiradiata, genetic variation 9814
Diplotaxis muralis 7521
Elaeis guineensis 5190
Epipactis helleborine, genetic variation 8881
Eragrostis curvula 7094
Erucastrum gallicum 7522
Eulophia sinensis, genetic variation 9860
Fagus crenata, genetic variation 7624
Fagus sylvatica
genetic variation 2938, 8784, 10911, 11932
polymorphism 967
Festuca arundinacea 406
Festuca pratensis 406
Festuca × *Lolium* 406
forest trees
genetic markers 954
genetic variation 956
Fortunella, polymorphism 4002
Fortunella japonica 2719
fruit crops 10640

Isoenzymes *cont.*
genetic variation 12160
Gentiana pneumonanthe, polymorphism 1956
Gliricidia sepium, genetic variation 980
Glycine gracilis 2420
Glycine max 2420, 2423
genetic variation 8289
linkage 10437
mutations 12465, 12471
polymorphism 1493
Glycine soja 2420
genetic variation 9386
heterozygosity 4826
Glycine (×) *Nicotiana,* polymorphism 1493
Gossypium arboreum, genetics 2878
Gossypium hirsutum, genetics 2878
Helianthus annuus
genetic variation 1808
polymorphism 10789
Helianthus argophyllus, polymorphism 10789
Hevea brasiliensis
clonal variation 8770
genetic markers 8769
genetic variation 948, 8769
Hordeum
genetic variation 5671
polymorphism 1260
Hordeum agriocrithon, variety classification 4552
Hordeum secalinum, genetic variation 12286
Hordeum spontaneum
polymorphism 6793
variety classification 4552
Hordeum vulgare 4555
gene location 11318
genetics 11318
linkage 11318
polymorphism 209
variety classification 4552
Ipomoea, polymorphism 9523
Ipomoea batatas 8399
Iris 3077
Juglans regia
genetic variation 6235
genetics 812
Lagarostrobos franklinii, genetic variation 10984
Larix decidua, genetic distance 6409
Larix gmelinii, genetic variation 6410
Larix sibirica, genetic distance 6409
Larix sukaczewii
genetic variation 1023
genetics 1024
polymorphism 1024
Lathyrus, genetic variation 8238
Lens, polymorphism 500
Leucaena diversifolia 2411
Leucaena leucocephala 2411
Leymus racemosus, polymorphism 413
Libocedrus chilensis, genetic variation 1032
Lilium hansonii 5431
Lobelia urens, genetic variation 11997
Lolium multiflorum 406
Lolium perenne, genetic variation 7080
Lycopersicon esculentum
gene expression 1650
molecular genetics 1650
Maclura pomifera, genetics 5295
Malus 6173
genetics 11672
techniques 11673
variety classification 12645
Malus pumila 3926, 6173, 6179
Malus sieversii, genetic variation 3927
Manihot 2511
Manihot hilariana 4933
Manihot nana 4933
Manihot nogueirae 4933
Manihot salicifolia 4933
Medicago ciliaris 5977
Medicago intertexta 5977
Microcitrus, polymorphism 4002
Nephelium, genetic variation 4009
Nicotiana tabacum, polymorphism 1493
Olea europaea, genetic variation 1819
Onobrychis, polymorphism 5995

Isoenzymes *cont.*
Orchis laxiflora, genetic distance 1092
Orchis palustris, genetic distance 1092
Oryza glaberrima, polymorphism 7036
Oryza glumaepatula, genetic variation 4684
Oryza sativa 2330, 4703, 9309
genetic markers 4738
polymorphism 7036, 7050, 8147, 12382
Parthenium argentatum, genetic variation 5276
Pennisetum, polymorphism 12346
Persoonia mollis, genetic variation 5348
Picea abies, genetic variation 986
Picea engelmannii, genetic variation 5320
Picea glauca, genetic variation 5320
Picea glehnii
genetic variation 1014, 8800
linkage 1014
Pinus, genetic variation 988, 4190
Pinus densiflora
genetic markers 995
genetic variation 997
Pinus halepensis
genetic distance 10955
genetic variation 2967
Pinus koraiensis, genetic variation 997
Pinus nigra, genetic variation 1000
Pinus pinaster, genetic markers 991
Pinus strobus
genetics 5313
linkage 5313
Pinus sylvestris
genetic variation 986, 998-999, 4196, 6398
genetics 6398
polymorphism 999, 4196, 10958
Pinus thunbergii
genetic markers 995
genetic variation 997, 7642
Pistacia 4025
Pistacia vera 4019
Plantago 13025
Pleurotus ostreatus
genetic distance 3133
multivariate analysis 3133
Poa jemtlandica, genetic variation 12420
Poncirus, polymorphism 4002
Poncirus trifoliata 2719
Populus nigra, genetic variation 2944
Primula maguirei 8849
Prosopis
genetic distance 7638
genetic variation 7638
Prunus
polymorphism 11723
cherries
linkage 6190
polymorphism 6190
Prunus avium, genetic variation 10680
Prunus persica, linkage 8485
Pseudotsuga menziesii
genetic markers 1029
genetic variation 1028, 11978
Pyrola japonica, genetic variation 6528
Pyrus boissierana
genetics 12648
polymorphism 12648
Pyrus communis 11665
genetics 7366, 12648
linkage 7366
polymorphism 12648
Quercus petraea
genetic variation 8782, 11927
genetics 2934
Quercus robur
genetic variation 11929
genetics 2935
polymorphism 2935
Quercus suber, genetic variation 5283
Raphanus raphanistrum 4942
genetics 7253
linkage 7253
Rosa, polymorphism 8829
Salix viminalis
genetic variation 1885
genetics 7629
linkage 7629
Sarracenia jonesii, genetic variation 1980

Isoenzymes *cont.*
Sarracenia oreophila, genetic variation 1980
Secale cereale 7951
gene location 12302
linkage 12302
selection 9057
Sequoia sempervirens, genetics 5328
Sesamum indicum
genetics 7516
polymorphism 7516
Solanum, genetic markers 7324
Solanum melongena, genetic markers 7324
Solanum tuberosum 541, 2495
Sorbus aucuparia, genetic variation 2956
Spiranthes hongkongensis, genetic variation 9860
Stipa krylovii, genetic variation 419
Tamarindus indica, variety classification 2726
Taxus baccata
genetic variation 11983
genetics 11982
linkage 11982
techniques 8960
Tectona grandis, genetic variation 2955, 11953
Thymus vulgaris, genetic variation 7729
Trifolium, genetic variation 1460
Trifolium repens, genetics 5984
triticale
chromosome substitution 6858
gene location 8064
genetic markers 8064
genetic variation 6867
Triticum 7951
genetic variation 6727
Triticum aestivum 6246, 12229
gene location 8064
genetic markers 8064
Triticum dicoccoides, genetic variation 7885
Triticum monococcum 9122
Triticum × *Zea* 12207
Ulmus, genetic variation 5291
Vicia, genetic variation 8238
Vigna angularis, genetic variation 4889
Vitis, genetic variation 11755
Vitis vinifera 12675
Zea mays 9260
gene expression 6933
genetics 10258
heterosis 2260
nucleotide sequences 6933
polymorphism 1260, 8089
Zeuxine strateumatica, genetic variation 9860
Zingiber officinale, variety classification 1995
Isoflavones, *Glycine max* 7151
Isopentenyltransferase
Brassica napus
rape
gene expression 7463
genetic transformation 7463
Catharanthus roseus, genetic transformation 1985
Nicotiana tabacum
gene expression 2846, 5247, 7463, 9718
genetic transformation 1857, 2846, 5247, 7463, 9718, 10859
Pisum sativum
gene expression 2846
genetic engineering 2846
Solanum tuberosum
gene expression 9718
genetic transformation 8378, 9718
Isopogon anemonifolius, varieties, Woorikee-2000 5335
Isoprenoids
Capsicum annuum, gene expression 2600
molecular genetics 4451
Isothiocyanates, *Raphanus sativus* 562
Ixora coccinea, tissue culture 11000
Jacaranda mimosifolia, tissue culture 7636
Jaltomata procumbens, domestication 5588
Jasmonates, *Lycopersicon esculentum,* gene expression 3876

Jasmonic acid
Arabidopsis thaliana
gene expression 2095
mutations 2095
gene expression, reviews 11158
Hordeum vulgare
gene expression 191, 1325
nucleotide sequences 191
Nicotiana tabacum 4121
gene expression 11896
Oryza sativa, gene expression 10339
Solanum tuberosum 2491
gene expression 8383
Jatropha curcas
breeding, books 3143
gamma radiation 6296
genetic resources, books 3143
induced mutations, leaves 6296
Juglans
gene expression, naringenin-chalcone synthase 12712
genetic markers, cherry leaf roll nepovirus 1758
genetic transformation, naringenin-chalcone synthase 12712
genetics, cherry leaf roll nepovirus 1758
rootstocks 652
varieties 652
Liaoning-5 12711
Liaoning-7 12711
Yunlong Xipihetao 10758
Juglans hindsii, interspecific hybridization 1758
Juglans nigra
genetic transformation, naringenin-chalcone synthase 12713
interspecific hybridization 12713
rooting capacity 12713
Juglans regia
colchicine 7429
fatty acids 813
flowering 6234
flowers 7430
genetic resources 6236
genetic transformation, naringenin-chalcone synthase 12713
genetic variation, isoenzymes 6235
genetics, isoenzymes 812
hybridization 6235
interspecific hybridization 1758, 12713
oils 6237
outcrossing 812
pollination 6234
polyploidy 7429
precocity 6236
proteins 6237
rooting capacity 12713
sexual reproduction 7430
Xanthomonas arboricola 5164
varieties
Fernor 12710
Lipin-1 5163
Lipin-2 5163
June yellows, *Fragaria ananassa*, clonal variation 2697
Juniperus, varieties, Quonset 4217
Juniperus thurifera, genetics, flavonoids 984
Juniperus virginiana, varieties, Blue Arrow 5338
Juvenility, *Glycine max* 11527
Kadsura acsmithii, taxonomy 11065
Kafirin, *Nicotiana tabacum*, gene expression 5246
Kalanchoe
random amplified polymorphic DNA
photosynthesis 12032
phylogeny 12032
Kalanchoe blossfeldiana, genetic transformation 4288
Kalanchoe daigremontiana
molecular genetics, photosynthesis 9866
vivipary 8899
Kalanchoe fedtschenkoi, gene expression, phosphoenolpyruvate carboxylase 5441
Kalanchoe pinnata, vivipary 8899
Kanamycin, *Coffea arabica* 11871
Kappaphycus, genomes 8934
Karyotype (*see* Chromosome morphology)
Kaurene synthase
Pisum sativum
mutations 7177
nucleotide sequences 7177
Kengyilia alatavica, nucleotide sequences, ribosomal RNA 8218
Kniphofia pauciflora, tissue culture 1957
Koelreuteria paniculata, varieties, Rose Lantern 3009
Kosteletzkya virginica
genetic transformation 3640
in vitro selection, salinity 3640
Lablab purpureus
Aphis craccivora 10521
forage 12533-12534
pollen 9495
yield correlations 12533
varieties, Koala 1556
Lacanobia oleracea
Solanum tuberosum
gene expression 6096
genetic transformation 6096
Laccase
Lentinus tigrinus 6555
Pleurotus florida, mutations 2006
Pleurotus ostreatus 6555
nucleotide sequences 9902
Lactate dehydrogenase, *Zea mays*, gene expression 5826
Lactones, *Piper methysticum*, genetics 1111
Lactose, *Solanum tuberosum* 1570
Lactuca
genetics, *Bremia lactucae* 2553
molecular genetics 12588
taxonomy 3847
Lactuca sativa
centres of origin 7300
domestication 7300
gene expression
hydrogen peroxide 7301
lettuce mosaic potyvirus 7302
Pseudomonas syringae 7301
violaxanthin de-epoxidase 8426
gene mapping
diseases 7299
lettuce mosaic potyvirus 10586
turnip mosaic potyvirus 10586
genetic engineering, violaxanthin de-epoxidase 8426
genetic markers, diseases 7299
genetic transformation 12589
lettuce mosaic potyvirus 7302
genetics, *Bremia lactucae* 7785
nucleotide sequences, violaxanthin de-epoxidase 8426
organic acids 12590
random amplified polymorphic DNA
lettuce mosaic potyvirus 10586
turnip mosaic potyvirus 10586
storage, seeds 2121
variety trials 586, 11635
varieties 5592
Svetlana 2552
Laetisaria fuciformis, *Lolium perenne* 5956
Lagarostrobos franklinii, genetic variation, isoenzymes 10984
Lagenaria siceraria
combining ability, yield components 3914
epistasis, flowering 3913
heritability, yield components 9586
yield correlations 9586
varieties 10625
Laminaria japonica, protoplast culture 1132
Lantana depressa
gamma radiation 6433
induced mutations, variegation 6433
Lantana montevidensis, varieties, Malans Gold 3049
Larix
development 11976-11977
provenance trials 4209
Larix decidua
genetic distance
isoenzymes 6409
yield components 12908
genetic variation 1022
interspecific hybridization 4210, 11975, 12908
outcrossing 1022
pollen competition 4161
Larix decidua cont.
pollination 8802
provenance trials 2985
random amplified polymorphic DNA
quantitative traits 4210
yield components 12908
stability 2986
tissue culture 5325
Larix eurolepis
genetic transformation 11975
mitochondrial genetics 103
tissue culture 5325
Larix gmelinii
chloroplast genetics, taxonomy 1025
genetic variation, isoenzymes 6410
random amplified polymorphic DNA, taxonomy 1025
Larix kamtschatica
chloroplast genetics, taxonomy 1025
random amplified polymorphic DNA, taxonomy 1025
Larix laricina
breeding 10947
genetic transformation 12890
Larix leptolepis
chloroplast genetics, taxonomy 1025
genetic distance, yield components 12908
interspecific hybridization 4210, 11975, 12908
random amplified polymorphic DNA
quantitative traits 4210
taxonomy 1025
yield components 12908
Larix occidentalis, outcrossing 5324
Larix olgensis
chloroplast genetics, taxonomy 1025
random amplified polymorphic DNA, taxonomy 1025
Larix sibirica, genetic distance, isoenzymes 6409
Larix sukaczewii
genetic variation 1024
isoenzymes 1023
genetics, isoenzymes 1024
polymorphism, isoenzymes 1024
Lasers
Phaseolus vulgaris 12487
Zea mays 10169
Latex
Carica papaya 1753
Hevea brasiliensis 8765, 8768, 8771, 8774
combining ability 8772
genetic markers 8766-8767
Lathyrus, genetic variation, isoenzymes 8238
Lathyrus annuus
interspecific hybridization 2410
taxonomy 2410
Lathyrus belinensis
anthocyanins 11024
carotenoids 11024
flowers 11024
interspecific hybridization 11024
Lathyrus hierosolymitanus
interspecific hybridization 2410
taxonomy 2410
Lathyrus odoratus
anthocyanins 11024
carotenoids 11024
flowers 11024
interspecific hybridization 11024
Lathyrus sativus
combining ability
quality 8247
yield components 8247
genetic variance
neurotoxins 9359
yield components 9359
genetics
colour 446
flowers 446
neurotoxins 446
heritability, yield components 9362, 10395
multivariate analysis, yield components 9361
outcrossing 7117
β-*N*-oxalyl-L-α-β-diaminopropionic acid 7118
proteins 10394
seeds 9360

***Lathyrus sativus** cont.*
stability
neurotoxins 9359
yield components 9359
stress 9360
yield components 10394
yield correlations 9361, 10395, 12451
varieties, Barikhesari-1 7115
***Lathyrus sylvestris*,** population genetics 3692
Latitude
Fagus sylvatica 957
Glycine gracilis 10421
Glycine max 10421
Glycine soja 10421
Phleum pratense 4757, 12426
Picea abies 957
Pinus sylvestris 1902, 11959
Trifolium pratense 4757
Trifolium repens 10380
Lavandula
altitude 7738
colour 7738
essential oils 7738
variety trials 7738
varieties, Willowbridge White 13044
Lavandula angustifolia
cell culture 12048
cryopreservation 12048
interspecific hybridization 7738
polyploidy, essential oils 9895
tissue culture 5471
yield correlations 4312
***Lavandula latifolia*,** interspecific hybridization 7738
Lavandula stoechas
tissue culture 5468
varieties
Helmsdale 1997
Magenta Aurora 13043
Marshwood 1998
Swan River Pink 13043
Lavatera thuringiaca
in vitro culture 6437
radiation 6437
***Lavatera* (×) *Hibiscus*,** protoplast fusion 6437
Lawns and turf
Cynodon dactylon 415
Festuca arundinacea 7076
Festuca nigrescens 5374
Festuca rubra 5374
grasses 8830
Lolium perenne 5374, 7076, 11013
Poa pratensis 5374, 11467
Lead, *Lycopersicon esculentum* 8443
Leaf fall, *Prunus persica* 3960
Leaves
Actinidia chinensis 6210
Actinidia deliciosa 6210
Allium fistulosum, artificial selection 2525
Arabidopsis thaliana
genetics 10769, 12145
mutations 12142
Arachis hypogaea 9080, 11220
Brassica 7465
Brassica chinensis, genetics 9534
Brassica napus
rape
epistasis 10769
restriction fragment length polymorphism 10769
Brassicaceae 7481
Bromus catharticus 416
Capsicum 9648
Capsicum annuum 632, 9648
Cicer arietinum 3768
Citrus aurantiifolia, heritability 7417
Clarkia temblorensis 9834
Corchorus olitorius
genetics 7609
induced mutations 7609
Cryptomeria japonica, linkage 5327
Cucumis sativus 2650
Dendranthema, techniques 11022
Dendranthema morifolium, induced mutations 1063, 8807
Eucalyptus nitens
gene mapping 8778
restriction fragment length polymorphism 8778
Leaves *cont.*
evolution, asymmetry 10010
Festuca rubra 10352
gene expression 1254
Glycine max 3708, 9391
cytoplasmic inheritance 10411
genetics 9392
somaclonal variation 10411
Gossypium barbadense 7599
Gossypium hirsutum 7599, 9772
Helianthus annuus, induced mutations 1806
Hordeum vulgare 11313
mutations 6787
Ipomoea 9523
Jatropha curcas, induced mutations 6296
Lens culinaris, genetics 8323
Lilium hansonii 5431
Lolium perenne, artificial selection 11475
Lycopersicon esculentum 6678
Morus 784
Morus alba 785
Musa, induced mutations 1748, 5140
mutations 1254
Nicotiana tabacum
gene expression 9741
genetic variance 12818
genetics 12818
heterosis 9746
Ornithogalum 8871
Oryza 361
Oryza rufipogon 5897-5898
Oryza sativa 5897-5899, 7030
genetic transformation 5885
genetics 2337, 5885, 7033
Panicum coloratum, genetics 4638
Panicum sumatrense 12342
Pennisetum glaucum 9080, 11220
Phaseolus vulgaris 11555
genetics 4854
linkage 10455
Physalis 9648
Pinus nigra 1003
Pistacia vera, genetics 4022
Pisum sativum
gene mapping 12503
genetics 7178
mutations 7178, 12503
nucleotide sequences 12503
Plectranthus ciliatus 8898
Poa pratensis 3043
Populus 8786
genetics 10917
Populus tremuloides, clonal variation 2943
Prunus persica
genetics 3957
mutations 3957
Psoralea 10393
Rosa hybrida, induced mutations 8807
Saccharum officinarum 8654, 10829
Salvia 13040
Santolina rosmarinifolia, mutations 3014
Secale cereale 5692
Solanum tuberosum 6678
Trifolium alexandrinum, artificial selection 2402
Trifolium repens 435, 10379, 11506
genetics 1464
Triticum aestivum 128
heritability 131, 7952
homozygosity 139
pleiotropy 11249
Vigna unguiculata 9488
heritability 2471
mutations 8347
Vitis vinifera 1740
genotype environment interaction 10702
somaclonal variation 10702
Zea mays 8088, 9224
artificial selection 11347
gene expression 1254
gene location 9228
gene mapping 5758, 5764, 5773-5774, 10211
genetics 270, 3469, 5801, 9226, 9232, 10214
heterosis 8090
induced mutations 5764
Leaves *cont.*
Zea mays cont.
mutations 239, 275, 1254, 2270, 5758, 5771, 5773-5774, 5783, 8086, 9228, 9232, 9235, 9237, 10207, 10211, 10214, 12142, 12322, 12324
nucleotide sequences 239
pleiotropy 5758
somaclonal variation 5794
***Lechenaultia*,** pollination 12001
Lectins
Galanthus nivalis
gene expression 6096
genetic engineering 5429, 6096
Glycine max, mutations 10410
Medicago sativa
gene expression 12436
genetic transformation 12436
Nicotiana tabacum
gene expression 3750
genetic transformation 3750
Phaseolus vulgaris 12491
Pisum sativum
gene expression 3750
genetic engineering 12436
nucleotide sequences 3750
reviews 2
Sambucus nigra, nucleotide sequences 9623
Solanum tuberosum, genetic transformation 5429
Sophora japonica
gene expression 7633
nucleotide sequences 7633
Tulipa, nucleotide sequences 9857
Leghaemoglobin
Lotus corniculatus, genetic transformation 445
Nicotiana tabacum, genetic transformation 445
Sesbania rostrata, gene expression 445
Vigna unguiculata
gene expression 11578
nucleotide sequences 11578
Legislation (*see also* Breeders' rights)
breeders' rights 1162
Cannabis sativa 2907
fodder plants 7070
genetic engineering 12120
genetic transformation 3193
seed testing 6595
Legumin
Cicer arietinum
molecular genetics 502
polymerase chain reaction 6068
Nicotiana tabacum
gene expression 8293
genetic transformation 8293
Pisum sativum, gene expression 6055
Vicia faba
gene expression 8293
genetic transformation 8293
Leguminosae (*see* Fabaceae)
***Lema*,** triticale 10136
***Lemaireocereus queretaroensis*,** genetic resources 12704
Lens
chloroplast genetics, evolution 7183
drought resistance 501
genetic distance
proteins 12511
seeds 12511
genetic resources 11569
geography 2465
multivariate analysis, phylogeny 8327
polymerase chain reaction 12510
polymorphism, isoenzymes 500
random amplified polymorphic DNA 12510
phylogeny 1532
taxonomy 1533
restriction fragment length polymorphism
evolution 7183
taxonomy 1533
taxonomy 500, 2465
Lens culinaris
artificial selection 3764
Ascochyta fabae 10478
combining ability
proteins 2464

Lens culinaris *cont.*
combining ability *cont.*
seeds 2463
yield components 8326, 10475, 12512
death 3764
ethyl methanesulfonate 5998
gamma radiation 5998
gene expression
amine oxidase (copper-containing) 10474
development 10474
genetic distance
proteins 12511
seeds 12511
genetic resources 6061
genetic variance
seeds 2463
yield components 8326
genetics
colour 8322-8324, 10473
flowers 10473
leaves 8323
seedlings 8324
seeds 8322, 8324
Uromyces viciae-fabae 8329
heritability, yield components 6062, 10477
heterosis, yield components 8325
induced mutations
germination 5998
height 8321
interspecific hybridization 7182
irrigation 6063
mutagens 5998
saponins 9446
tissue culture 7182
Uromyces viciae-fabae 6064, 10479
yield correlations 3765-3766, 6062, 10476
Lens ervoides
interspecific hybridization 7182
tissue culture 7182
Lens lamottei, interspecific hybridization 7183
Lens nigricans, interspecific hybridization 7183
Lens tomentosus, taxonomy 8328
Lentinula edodes
gene expression, development 11097
mitochondrial genetics, fructification 6553
molecular genetics, phylogeny 3135
nucleotide sequences, development 11097
polymerase chain reaction 5476
random amplified polymorphic DNA 5476
restriction fragment length polymorphism 5476
sexual reproduction 7749
variety classification 11098
Lentinus tigrinus
laccase 6555
peroxidases 6555
protoplasts 6555
ultraviolet radiation 6555
Lepanthes, taxonomy 11048
Lepidiota negatoria, *Saccharum officinarum,* genetic transformation 8670
Lepidiota noxia, *Saccharum officinarum,* genetic transformation 8670
Lepidoptera
Brassica oleracea, cabbages 7294
Gossypium hirsutum 8743, 10881
Leptinotarsa decemlineata
Solanum 10547
Solanum berthaultii, genetic markers 1582
Solanum chacoense 4928, 6095
Solanum melongena, genetic transformation 10611, 12616
Solanum tuberosum 8392
genetic markers 1582
Leptospermum
hybrid varieties 12951
varieties, Bywong Merinda 12951
Leptospermum scoparium
breeding 10993
history 10992
essential oils 11082
genetic resources 10992
interspecific hybridization 12951
Leptospermum spectabile, interspecific hybridization 12951
Leptosphaeria *(see also Magnaporthe)*
Leptosphaeria avenaria
Secale cereale 3295
triticale 3295
Triticum 3295
Leptosphaeria maculans
Brassica campestris
artificial selection 4052
pleiotropy 4052
Brassica napus
rape 6251, 9675, 10777
artificial selection 10778
backcrossing 1790
genetic markers 10776
genetics 1790-1791, 10776
Leptosphaeria nodorum
Aegilops × *Triticum,* nucleocytoplasmic interaction 6760
triticale 10135
genetics 6900
Triticum aestivum 1298, 4524-4525
gene location 177
nucleocytoplasmic interaction 6760
Triticum durum 4525
Lepus timidus, *Betula* 2929
Lespedeza cuneata
stability, yields 3690
variety trials 3690
Lesquerella
genetic resources 11843
oils 11843
seeds 11843
Lesquerella fendleri
crop density 9693
pollination 8613
population genetics 4084
seed production 8613
Lesquerella vicina, taxonomy 9692
Lesquerella (×) ***Brassica,*** protoplast fusion 4038
Lethals, *Gossypium* 8726
Lettuce mosaic potyvirus
Lactuca sativa
gene expression 7302
gene mapping 10586
genetic transformation 7302
random amplified polymorphic DNA 10586
Leucadendron
breeding 3004, 3006
tissue culture 3030
Leucaena
anthers 10391
nomenclature 8248
pollen 10391
variety trials 4808
Leucaena diversifolia
Heteropsylla cubana 3694
interspecific hybridization 2411
isoenzymes 2411
Leucaena leucocephala
Heteropsylla cubana 3694
interspecific hybridization 2411
isoenzymes 2411
provenance trials 1478
varieties
K636 12450
Tarramba 12450
Leucinodes orbonalis
Solanum incanum 9572
Solanum macrocarpon 2596, 9572
Solanum melongena 626, 3889, 9572
Leucoanthocyanidin dioxygenase
Arabidopsis thaliana
gene expression 8994
nucleotide sequences 8994
Leucocytospora *(see Valsa)*
Leucospermum
artificial selection, pot plants 3034
breeding 3004
soil pH 6441
Leucospermum conocarpodendron, interspecific hybridization 6441
Leucospermum patersonii, interspecific hybridization 6441
Leucostoma *(see also Valsa)*
Leucyl aminopeptidase, *Lycopersicon esculentum,* nucleotide sequences 2572
Leveillula taurica
Capsicum annuum, genetics 9575
Lycopersicon esculentum
gene mapping 12612
restriction fragment length polymorphism 12612
Leymus
embryo culture 7084
interspecific hybridization 7084
Leymus angustus
quality 1438
yields 1438
Leymus arenarius, genetics, salinity 10358
Leymus chinensis
chromosome aberrations 3661
gamma radiation 2164, 3661
Leymus racemosus
genomes 413
polymorphism
glutenins 413
isoenzymes 413
Leymus × ***Elymus,*** intergeneric hybridization 7084
Leymus × ***Hordeum,*** intergeneric hybridization 3292
Leymus × ***Psathyrostachys***
embryo culture 7084
intergeneric hybridization 7084
Leymus × ***Triticum***
chromosome addition, aspartate aminotransferase 9114
chromosome number 6711
embryo culture 11239
gene location, aspartate aminotransferase 9114
in situ hybridization 6711
intergeneric hybridization 6711, 9114, 11239
Leymus (×) ***Triticum,*** protoplast fusion 2164
Libocedrus chilensis, genetic variation, isoenzymes 1032
Libocedrus decurrens, chromosome morphology 9806
Light
Amaranthus hypochondriacus, gene expression 3641
Arabidopsis, gene expression 9983
Arabidopsis thaliana
gene expression 1201, 3212-3213, 3240, 5557, 9985, 12151
mutations 3224, 3240, 4411
nucleotide sequences 3212, 5554
Brassica campestris
gene expression 10770
genetics 10770
mutations 10770
gene expression 5521, 9083, 9944, 9946
plants, reviews 1173
reviews 9922
Hordeum vulgare 10106
Iris pumila 4278
Lycopersicon esculentum, mutations 9554, 9560
molecular genetics, reviews 9922
Nicotiana sylvestris, gene expression 12809
nucleotide sequences 5521
Oryza sativa 369, 3604
artificial selection 366
Pisum sativum, mutations 2461
Solanum tuberosum 540, 544
Zea mays 8088
Lignans, *Linum* 4150
Lignin
crops, genetic engineering 4755
Eucalyptus globulus, genetic engineering 12860
fodder legumes, genetic engineering 4755
forest trees, genetic engineering 7617
Hibiscus, genetics 4155
Medicago sativa 1447
Nicotiana tabacum, genetic transformation 5242, 9734, 12815
Pennisetum glaucum, mutations 111
Pinus taeda
genetics 12898
mutations 11958, 12898
Pleurotus florida, mutations 2006
Populus, genetic engineering 12874
Populus alba, genetic transformation 12875

Lignin *cont.*
Populus canescens, genetic transformation 9789
Populus tremula, genetic transformation 12875
Sorghum bicolor, mutations 111
Zea mays 10234
mutations 111, 6927, 10202
Ligules
Secale cereale
gene mapping 12300
mutations 12300
restriction fragment length polymorphism 12300
Zea mays
gene expression 6930
genetics 6935
mutations 6935
nucleotide sequences 6930
Liliaceae
chromosome number 7858
esterases 3081
evolution 3081
Lilium
anther culture 7696
anthocyanins 5432
breeding 3082-3086, 5430
compatibility 9856
development 5432, 8876
DNA hybridization, chromosome morphology 9924
embryo culture 11038
forcing 5433
gene mapping, *Fusarium oxysporum* 7850
genetic markers, flowers 6500
genetic resources 7695
haploidy 7696
ideotypes 5430
in vitro culture 8876-8877
interspecific hybridization 3086, 9856
linkage, *Fusarium oxysporum* 3098
photoperiodism 8877
pollen 8876
polymerase chain reaction, phylogeny 12019
random amplified polymorphic DNA
Fusarium oxysporum 3098
variety classification 3094
regenerative ability 5432
restriction fragment length polymorphism, phylogeny 12019
storage 11037
bulbs 3087
taxonomy 3096, 13012
tissue culture 4282, 7695
vegetative propagation 8877, 12017
Lilium auratum
regenerative ability 13011
tissue culture 13011
Lilium callosum
interspecific hybridization 3090
ovule culture 3090
Lilium concolor, tissue culture 1089
Lilium dauricum
gene expression 6498
genetic transformation 6498
genetic variation 6497
geography 6497
Lilium davidii, storage, pollen 4281
Lilium formolongi
gene expression 6498
genetic transformation 6498
Lilium formosanum, chromosome number 3091
Lilium hansonii
isoenzymes 5431
leaves 5431
Lilium japonicum
gene expression 6498
genetic transformation 6498
Lilium longiflorum
anther culture 12018
arabinogalactans 4042
artificial seeds 11210
Fusarium oxysporum 3097
gene expression
anthers 13009
pathogenesis-related proteins 13009
genetic transformation 6417, 6676
Lilium longiflorum *cont.*
interspecific hybridization 3088-3090, 3097
molecular genetics, synaptonemal complex 11035
nucleotide sequences
anthers 13009
pathogenesis-related proteins 13009
ovule culture 3088-3090
pollen 4042, 6499, 13010
pollination 11036
protoplast culture 3095
self incompatibility 7697
stress 7697
ultrastructure 6499
vegetative propagation 12016
Lilium maculatum
artificial selection, male sterility 3092
compatibility 9856
genetics, vegetative propagation 3093
interspecific hybridization 3088-3089, 9856
ovule culture 3088-3089
Lilium pensylvanicum
Fusarium oxysporum 3097
interspecific hybridization 3097
Limnanthes douglasii, molecular genetics, acyltransferases 6297
Limonin, *Citrus sinensis,* genetic engineering 11774
Limonium altaica, varieties, Tall Emille 5398
Limonium perezii, interspecific hybridization 6466
Limonium perigrinum, interspecific hybridization 6466
Limonium purpuratum, interspecific hybridization 6466
Limonium sinuatum
artificial selection
flowering 6475
growth period 6475
interspecific hybridization 6466
Linalool
Clarkia breweri
gene expression 1067
nucleotide sequences 1067
Clarkia concinna, gene expression 1067
Lindera, phylogeny 3278
Lindera benzoin
defoliation 5451
pollen competition 5451
Linkage (*see also* Gene location; Gene mapping; Sex linkage)
Avena sativa 10125
Beta vulgaris, sugarbeet, computer programming 8673
Brassica alboglabra
colour 11806
seeds 11806
Brassica campestris
colour 11806
seeds 11806
Brassica japonica 10573
Brassica juncea 10764
Brassica napus, rape 8558
Brassica oleracea 8558
Brassica pekinensis 10573
Carthamus tinctorius
height 12746
male sterility 12746
Cryptomeria japonica
height 5327
leaves 5327
diseases 9939
Elaeis guineensis 7500
Glycine max
aconitate hydratase 10414
chlorimuron 11546
colour 4841, 10405
dihydrolipoamide dehydrogenase 10413
growth period 9379
herbicides 11546
Heterodera glycines 6024
isoenzymes 10437
malate dehydrogenase 4824
male sterility 10405
necroses 10437
nodulation 10426
Linkage *cont.*
Glycine max cont.
phosphogluconate dehydrogenase 10415
plant hairs 9379
quantitative traits 11546
Sclerotinia sclerotiorum 4841
seeds 4824
sterility 10404
Gossypium, plant glands 8726
herbicides 9939
Hordeum vulgare
barley yellow mosaic bymovirus 10121
esterases 10121
inflorescences 8027
isoenzymes 11318
Puccinia hordei 1334
Pyrenophora teres 221
Rhynchosporium secalis 11318
yield components 8027
Ipomoea batatas 9521
Lilium, Fusarium oxysporum 3098
Malus pumila, Dysaphis devecta 7362
Musa
bracts 10728
flowers 10728
Oryza sativa
chlorosis 11436
height 11436
male sterility 357
photoperiodism 4702
pests 9939
Phaseolus vulgaris
bean common mosaic potyvirus 4865
flowers 10455
fruits 10455
leaves 10455
Thanatephorus cucumeris 3739
Uromyces appendiculatus 3739
Xanthomonas axonopodis 3739
Xanthomonas campestris 10462
Picea glehnii, isoenzymes 1014
Pinus palustris 10954
Pinus strobus, isoenzymes 5313
Prunus, cherries, isoenzymes 6190
Prunus dulcis 1727
Prunus persica 1727
fruits 8485
isoenzymes 8485
Pyrus communis, isoenzymes 7366
quantitative traits 3190
Raphanus raphanistrum, isoenzymes 7253
Salix viminalis, isoenzymes 7629
Secale cereale
aluminium 12302
isoenzymes 12302
statistics 2106
Taxus baccata, isoenzymes 11982
Theobroma cacao 2831
Triticum aestivum
chlorotoluron 4541
herbicides 4541
protein kinase 4536
Pseudocercosporella herpotrichoides 176
Puccinia recondita 4536
Triticum dicoccoides
chlorotoluron 4541
herbicides 4541
Triticum durum, glumes 137
Vigna unguiculata
Aphis craccivora 517
determinate and indeterminate habit 4885
fruits 4885
stems 4885
Zea mays 10162
colour 9215
glycine dehydrogenase (decarboxylating) 5836
Helicoverpa zea 5841
male sterility 9215
maysin 5841
Puccinia sorghi 5836
transposable elements 2258
Linolenic acid
Borago officinalis 5457
Brassica campestris 7474
Brassica napus, rape 835, 7474

Linolenic acid *cont.*
Glycine, genetics 8280
Glycine max
DNA hybridization 7148
genetics 7149
mutations 7149
polymerase chain reaction 7148
Matthiola incana 12778
Linoleoyl-CoA desaturase
Borago officinalis
gene expression 9876
genetic engineering 9876
Nicotiana tabacum
gene expression 9876
genetic transformation 9876
Linum
chemotaxonomy 4150
lignans 4150
Linum usitatissimum
cadmium 7870
flax
anther culture 5262
combining ability, yield components 6355
crop density 11913
ethyleneimine 11912
gene expression, peroxidases 5261
heterosis, yield components 6355
induced mutations 11912
Melampsora lini 10885
molecular genetics, *Melampsora lini* 9774
mutagens 11912
mutations, *Melampsora lini* 9774
nucleotide sequences, peroxidases 5261
quality 11913
somaclonal variation 12841
tissue culture 12841
variety trials 10884, 12839
yield correlations 12839
varieties
Jitka 4149
Shuangya 5 12840
linseed
Alternaria linicola 843
anther culture 5262
Botrytis cinerea 843
cadmium 1256
combining ability
quality 8589
yields 8589
crop density 11913
diethyl sulfate 8586
fruits 7485
Fusarium 843
genetic variance, yield components 8587
genetics, *Melampsora lini* 8591
genotype environment interaction
fungi 8590
yield components 8590, 10783
husking 842
induced mutations, chlorophyll 8586
multivariate analysis, yield components 4055
mutagens 8586
Oidium lini 843
phytic acid 10782
quality 11913
seeds 842
sowing date 10783
spring and winter habit 7485
toxic substances 1256
variety trials 6673, 10017, 10781, 12839
yield correlations 8588, 12839
varieties, AC Emerson 1796
flax, tissue culture 6356
Lipaphis erysimi
Brassica campestris
sarson 8584
toria 8584
Brassica juncea 8584, 11814
Lipid transfer proteins
Arabidopsis thaliana
gene expression 1214
mutations 1214
gene expression 12169
Gossypium hirsutum, nucleotide sequences 2870

Lipid transfer proteins *cont.*
Hordeum vulgare, genetic transformation 3369
Nicotiana tabacum
gene expression 4111
genetic transformation 4111
Lipids
Brassica napus, rape, mutations 9670
Cajanus cajan 4880
Cocos nucifera 10803
Hippophae rhamnoides 2706
Picea abies 9804
Rosa canina 1941
Triticum aestivum, induced mutations 11275
Lipoxygenase
Glycine max 2423, 7141
gene expression 11530
genetics 8272
mutations 2424, 12465, 12471
Hordeum vulgare 4555
gene expression 6782
nucleotide sequences 6782
Lycopersicon esculentum
gene expression 8434, 9557, 12602
molecular genetics 9557
nucleotide sequences 8434, 12602
Nicotiana tabacum
gene expression 6336
genetic transformation 8434
Oryza sativa 11417
genetics 1409
Solanum tuberosum
gene expression 1569
nucleotide sequences 1569
Vicia faba
gene expression 4847
nucleotide sequences 4847
Zea mays
gene expression 6933
nucleotide sequences 6933
Lippia alba, essential oils 4302
Liquidambar styraciflua, tissue culture 10939
Liriodendron chinense
abnormal development, pollen 11951
embryology 6384
interspecific hybridization 6384
sterility 978
Liriodendron tulipifera
embryology 6384
interspecific hybridization 6384
Liriomyza trifolii
Cucumis melo 5065, 11656
Luffa acutangula 8462
Lycopersicon cheesmanii 5046
Lycopersicon esculentum 5046
Litchi chinensis
artificial selection, quality 8526
heritability, quality 4004
multivariate analysis, fruits 8525
quality 8527
somatic embryogenesis 6226
Statherotis leucaspis 804
varieties, Liquili 7422
Lithops, taxonomy 5450
Lithospermum erythrorhizon
protoplast culture 9880
somaclonal variation 9880
tissue culture 7723
Litsea
evolution 10942
taxonomy 10942
Lobelia
chromosome number 3064
evolution 3064
Lobelia urens, genetic variation, isoenzymes 11997
Lodging
Hordeum vulgare 110, 135
Pisum sativum
combining ability 495
genetic variance 495
heritability 495
triticale, artificial selection 5696
Triticum aestivum 110, 127, 135
Zea mays 4602
artificial selection 1350, 5786, 6931
combining ability 3472
heterosis 1350

Lolium
cold resistance 11477
interspecific hybridization 11459
multivariate analysis, taxonomy 5955
random amplified polymorphic DNA, phylogeny 11464
restriction fragment length polymorphism, phylogeny 11464
taxonomy 11476
varieties
Grasslands Impact 4765
Maverick Gold 2376
Lolium boucheanum
cutting 408
perennial habit 408
seed production 408
Lolium hybridum, varieties, Luky 8205
Lolium multiflorum
cold resistance 1435
crop mixtures, *Hordeum vulgare* 2377
embryo culture 8209
gene expression 7079
genetic transformation 7079
interspecific hybridization 408
isoenzymes 406
polyploidy 2377
seed production 8202
seedlings 1435
sowing date 2377
variety trials 10018
varieties
Anca 8205
Arina 8205
Dargo 8204
Flanker 4763
LM71 4764
Raiar 8205
Surrey 7078
Tetraiar 8205
Lolium perenne
Acremonium 12424
Acremonium lolii 10347
alkaloids 12424
Amphibromus scabrivalvis, crop mixtures 11492
anther culture 3656
artificial selection, leaves 11475
barley yellow dwarf luteovirus 409
breeding 1429, 8193
β-carotene 11473
carotenoids 11473
cell culture 3655
chlorophyll 11473
cold resistance 2378, 4756, 4769
competitive ability 401, 1433, 9331
crop mixtures 401, 1433, 7074, 9331
Hordeum vulgare 2377
cryopreservation 3655
cutting 10348
digestibility 5954
drought resistance 12424
ecotypes 1431-1432
fluorescence 8207
gene flow 11471-11472
genetic variation, isoenzymes 7080
genotype mixtures 1434
germination 6458
grazing 9330
growth period 8208
haploidy 3656
harvesting 7081
heat sums 9326
interspecific hybridization 408
Laetisaria fuciformis 5956
lawns and turf 5374, 7076, 11013
magnesium 10346
morphology 8207
multivariate analysis 1432
mutations, senescence 9328
nitrogen 9825
nutrients 9825, 10347
nutritive value 9329, 10346
persistence 9330, 11474
pollen 11471-11472
polyploidy 2377, 4768-4769, 9331
nutritive value 403
population genetics 7080
Puccinia coronata 8211, 10349
random amplified polymorphic DNA, variety classification 9327
regenerative ability 3656

***Lolium perenne* cont.**
restriction fragment length polymorphism, unreduced gametes 5953
Rhizobium leguminosarum 7074
seed production 8208
seedlings 6458
sowing date 2377, 8210
treading 5374, 5956
variety trials 6674, 7076, 7669, 8203, 10018, 11013
varieties 7669, 11013
Bronsyn 4766
Camel 12421
Grasslands Samson 4767
Jamborina 12422
LP22 4768
LP37 4766
Nevis 4768
Prolong 12423
***Lolium rigidum*, cutting 407**
***Lolium temulentum*, mutations, cell division 9325**
***Lolium* × *Festuca*, intergeneric hybridization 406, 411, 1430, 7081, 8206, 9332, 11459-11460, 11463, 11466**
Long-chain-fatty-acid-CoA ligase
Brassica napus
rape
gene expression 8556
nucleotide sequences 8556
***Lophostemon confertus*, varieties, Billy Bunter 5340**
Lotus corniculatus
artificial selection
quality 4802
tannins 4802
evolution 1476
gene expression 7113
genetic transformation 442, 7113
ammonia 9357
glutamate-ammonia ligase 9357
haemoglobin 9354
leghaemoglobin 445
nodulins 9356
nutrients 9357
opines 11511
proteins 12186
zein 12186
genetics, male sterility 3689
germination 1474
nitrogen fixation 7112
shedding 1475
taxonomy 4803
tissue culture 10388
varieties
ARS2620 7112
OAC Bright 11509
Lotus japonicus
gene expression
binding proteins 5993
nodulation 5993, 9356
nodulins 9355
sucrose synthase 9356
genetic markers, symbiosis 11510
nucleotide sequences
binding proteins 5993
nodulation 5993, 9356
nodulins 9355
sucrose synthase 9356
***Lotus suaveolens*, germination 1474**
***Lotus uliginosus*, germination 1474**
***Lotus* (×) *Medicago*, protoplast fusion 428**
Low input agriculture
Brassica napus, swedes 10551
Gossypium hirsutum 2892
Triticum aestivum 2180
Luciferase
Cucumis sativus, genetic transformation 2644
Nicotiana tabacum
gene expression 11164
genetic transformation 11164
Luffa acutangula
chemotaxonomy 6168
heritability, yield components 12639
heterosis, yield components 3915
hybrid varieties 2658
Liriomyza trifolii 8462
proteins 6168
seeds 6168
yield correlations 12639
***Luffa acutangula* cont.**
varieties, Feng Kang 2658
Luffa aegyptiaca
chemotaxonomy 6168
flowers 3912
inflorescences 3912
proteins 6168
seeds 6168
sex 3912
Lupinus
alkaloids 2407
chemotaxonomy 2407, 7111
cucumber mosaic cucumovirus 10387
globulins 5992
herbicides 1473
interspecific hybridization 4798
oils 7111
plant introduction 4795
seeds 5992
soil pH 1471
taxonomy 2406
Lupinus albus
artificial selection, alkaloids 4800
galactosides 10386
gene expression, tubulin 4796
genetic resources 7110
genetics, height 8244
Glomerella cingulata 4801
heritability, yield components 8244
nucleotide sequences, tubulin 4796
Phoma 4801
pleiotropy, height 3687
polysaccharides 10386
yield correlations 8244
varieties, Lago Azzurro 12446
Lupinus angustifolius
determinate and indeterminate habit 9353
Diaporthe toxica 1472
galactosides 10386
gene expression
conglutin 12448
globulins 12448
nucleotide sequences
conglutin 12448
globulins 12448
polysaccharides 10386
saponins 3688
varieties
Kalya 8242, 12447
Myallie 8243
WALUP0460 12447
Wonga 8241
Lupinus luteus
DNA 10385
galactosides 10386
gene expression, NAD(P)H dehydrogenase 12449
nucleotide sequences, NAD(P)H dehydrogenase 12449
polysaccharides 10386
Lupinus mutabilis
alkaloids 441
oils 441
proteins 441
Lupinus tassilicus
alkaloids 2407
chemotaxonomy 2407
Lupinus texensis
genetic load 4797, 4799
inbreeding depression 4797, 4799
maternal effects 4797
seed production 4799
Lycium
cytotaxonomy 6539
evolution 6539
pollen 10998
Lycium barbarum
electrons 3110
induced mutations 3110
ions 3110
***Lycium chinense*, embryo culture 9879**
***Lycium* (×) *Nicotiana*, protoplast fusion 913**
Lycopersicon
Alternaria solani 1665, 8444
cucumber mosaic cucumovirus 6131
diseases 5030
fertilization 601
Fusarium oxysporum 6145
gene expression, male sterility 6136
gene location
fruits 1655
***Lycopersicon* cont.**
gene location *cont.*
shape 1655
gene mapping
insects 12614
quality 6141
salinity 12610
sugars 12614
genetic markers, self compatibility 601
genetic resources 5000, 5030
genetic transformation, tobacco mosaic tobamovirus 622
genetic variance, salinity 12609
heterosis, salinity 12609
hybrid seed production 6136
interspecific hybridization 601
Meloidogyne incognita 11641
molecular genetics, male sterility 6136
pests 5030
plant composition 5020, 5044
plant disorders 5044
pollination 601
random amplified polymorphic DNA, insects 9546
restriction fragment length polymorphism
quantitative traits 8431
salinity 12610
taxonomy 4452
tomato Indian leaf curl bigeminivirus 6146
tomato spotted wilt tospovirus 6131
tomato yellow leaf curl bigeminivirus 6131, 6146
Lycopersicon cheesmanii
interspecific hybridization 5046, 8431, 12609
Liriomyza trifolii 5046
Lycopersicon chilense
gene expression, drought resistance 5028
in situ hybridization, drought resistance 5028
interspecific hybridization 9551
nucleotide sequences, drought resistance 5028
ovule culture 9551
Lycopersicon esculentum
abnormal development 10597
Alternaria solani 8444
aroma 9565
artificial selection 2562
cucumber mosaic cucumovirus 2590
quality 2588
salinity 3878
tobacco mosaic tobamovirus 2588, 2590
backcrossing, tomato mosaic tobamovirus 620
Bemisia tabaci 8446
biosafety 9548
breeding 10591, 12593
bromide 5026
Clavibacter michiganensis 5036
cold resistance 2583, 9567
combining ability
fruits 9562
storage 9562
determinate and indeterminate habit 5016
diseases 5032
reviews 612
DNA 7309, 9552
techniques 12599
DNA hybridization 10595
drought resistance 6678
endophytes 12601
epistasis, quantitative traits 1653
Erysiphe 616
essential oils 2574
evolution, recombination 9549
fluorescence *in situ* hybridization 2569
ribosomal DNA 5005
β-fructofuranosidase 5008
fruits 1669, 2580, 5016, 5024, 9566, 10597, 12607
Fusarium oxysporum 614
fusicoccin 12604
gene banks, catalogues 8429
gene expression 12595
abscisic acid 604, 3867
abscission 3869, 9558, 12603
ACC oxidase 5013, 5080
ACC synthase 10596

Lycopersicon esculentum cont.
gene expression *cont.*
adenosinetriphosphatase 598, 6133
arabinogalactans 3858
ATP:fructose-6-phosphotransferase 11640
auxins 12605
binding proteins 3865
Botrytis cinerea 3882
catechol oxidase 9556
cellulase 3869
chorismate mutase 591
chorismate synthase 1650
cold resistance 8441
dehydrins 3857
development 7314
diseases 908
DNA binding proteins 3861, 10593
ethylene 1206, 1651-1652, 3876, 5080, 12188
farnesyl-diphosphate farnesyltransferase 9547
Fe(III)-chelate reductase 105
fenthion 7320, 11644-11645
fructokinase 9545
fruits 1651, 7314, 11642
Fusarium oxysporum 9570
β-glucanase 5011, 6139
β-glucuronidase 12605
glutamate-ammonia ligase 3863
glutamyl kinase 12596
glutamyl phosphate reductase 12596
growth regulators 3867, 12188
heat shock proteins 3860, 7313, 8430
hydroxymethylglutaryl-CoA reductase 2571, 3856
injuries 592, 3290, 3876, 12603
isoenzymes 1650
jasmonates 3876
lipoxygenase 8434, 9557, 12602
mannitol dehydrogenase 2570
metallothionein 7310
molybdenum cofactor 10592
naringenin-chalcone synthase 5012
nutrients 2582, 8440
oxygenases 10592
parthenocarpy 1649
pesticides 7320, 11644-11645
phosphorus 8440
photosynthesis 605, 10605
phytochrome 596, 5012, 9555, 10600
polygalacturonase 9558
protein kinase 7320, 10604
proteinase inhibitors 3290, 3876
proteinases 592
Pseudomonas syringae 3879, 7320, 10604, 11644-11645
ribulose-bisphosphate carboxylase 595, 5012, 12598
ripening 1651-1652, 5011, 7313, 9557, 9561, 10593, 11642, 12188
salinity 8441
senescence 7315
stress 3867
tissue culture 3873
ultraviolet radiation 611
xyloglucan endotransglycosylase 12605
gene location, abscisic acid 604
gene mapping 5007, 12079
diseases 5031
Leveillula taurica 12612
molybdenum cofactor 10592
oxygenases 10592
pests 5031
phytochrome 2577, 5015
quantitative traits 1647, 1653
Ralstonia solanacearum 5033
ribosomal DNA 5005
genetic engineering 3859, 9548
ACC oxidase 5013
biosafety 3884
insecticides 3884
protein kinase 5039-5040, 10604
Pseudomonas syringae 5039-5040
genetic markers, tomato mosaic tobamovirus 10606
genetic transformation 7308, 12595
ACC oxidase 5080
cucumber mosaic cucumovirus 1644

Lycopersicon esculentum cont.
genetic transformation *cont.*
development 594, 7314
ethylene 5080, 9007
β-fructofuranosidase 3864, 6138
fruits 7314
injuries 3885
phytochrome 596
pollen 594
prosystemin 3885
Pseudomonas syringae 11645
ribulose-bisphosphate carboxylase 12598
ripening 6138, 9007
tobacco mosaic tobamovirus 2853, 11139, 11648
genetic variance
Alternaria alternata 9569
fruits 2581, 9562
quality 2581
storage 9562
tomato yellow leaf curl bigeminivirus 11649
yield components 1658, 8435, 11649
genetics
Clavibacter michiganensis 5035
colour 5014, 5027
fenthion 11644
fruits 5014, 5027
Fulvia fulva 1666-1667, 7785, 7791, 11647, 12098
Fusarium oxysporum 3883, 5037
heat resistance 5027
insects 2592
Meloidogyne 11650
Meloidogyne incognita 1645, 1672
pesticides 11644
Pseudomonas syringae 11644
quality 7318
Ralstonia solanacearum 5034
ripening 7318
sucrose 10599
tobacco mosaic tobamovirus 2588-2589, 10605
tomato mosaic tobamovirus 7793
tomato spotted wilt tospovirus 618
toxins 12098
2-tridecanone 2592
Verticillium dahliae 3880
Xanthomonas vesicatoria 1663
genotype environment interaction, yield components 5025, 12608
germination 3868, 3878
growth regulators 603, 12604
habit 608
heat resistance 5029, 6678, 7319
Helicoverpa armigera 8446, 10607
herbicides 7322
heritability
fruits 2576
insects 2592
tomato spotted wilt tospovirus 617
2-tridecanone 2592
yield components 2578, 8436, 10602
heterosis, yield components 3871-3872, 8435
hexoses 9553
hybrid varieties 2566-2567, 5001-5002
in vitro selection
quality 11643
Verticillium dahliae 7321
interspecific hybridization 600, 621-622, 1647, 1653, 1655, 1662, 1670, 1672, 2574, 2592, 3862, 5007-5008, 5033-5034, 5036, 5046, 6141, 6147, 8431, 9546, 9551, 9567, 9571, 10599, 11641, 11649, 12609-12610, 12614
lead 8443
leaves 6678
Liriomyza trifolii 5046
male sterility 8433
Meloidogyne incognita 590, 5045, 7322, 8445
Meloidogyne javanica 2561, 5045
metribuzin 7322
microsatellites, variety classification 5006, 7311, 12597
molecular genetics
chorismate synthase 1650
DNA binding proteins 9550

Lycopersicon esculentum cont.
molecular genetics *cont.*
heat 9568
heat shock proteins 3860, 9550
isoenzymes 1650
lipoxygenase 9557
microsatellites 5004
protein kinase 5039-5040
Pseudomonas syringae 5038-5040, 6143
ripening 9557
tomato mosaic tobamovirus 10606
variety classification 5004
multivariate analysis
growth period 1656
yield components 6135
mutations
abscisic acid 3290, 3877, 6137, 9552, 9559
anthocyanins 9560, 10598
chlorophyll 2575
chloroplasts 593
development 3866, 9554, 10601
ethylene 1206
Fe(III)-chelate reductase 105
fertility 7312
flowers 3866
fruits 3870
germination 10598
gibberellic acid 6137, 9552
β-glucanase 5011
growth regulators 3290, 3877, 6137, 9552, 9559
height 12604
IAA 3877
insects 3886
iron 2573
light 9554, 9560
meiosis 7312
nicotianamine 2573
nutrients 2573
phytochrome 1654, 2577, 5015, 9554, 10024, 10600-10601
ripening 602, 1657, 3870, 5011
stems 12604
ultraviolet radiation 611
nicotianamine synthase 2575
nitrogen 3875, 8439
nucleotide sequences 1646
abscission 9558
ACC oxidase 8432
ACC synthase 10596
adenosinetriphosphatase 6133
arabinogalactans 3858
ATP:fructose-6-phosphotransferase 11640
binding proteins 3865
chloroplasts 593
chorismate mutase 591
cytochromes 597
dehydrins 3857
development 7314
diseases 908
DNA binding proteins 3861, 10593, 10604
farnesyl-diphosphate farnesyltransferase 9547
fenthion 7320
fructokinase 9545
fruits 7314, 11642
Fusarium oxysporum 9570
glutamyl kinase 12596
glutamyl phosphate reductase 12596
heat shock proteins 7313, 8430
height 597
hydroxymethylglutaryl-CoA reductase 2571
injuries 592
leucyl aminopeptidase 2572
lipoxygenase 8434, 12602
metallothionein 7310
molybdenum cofactor 10592
nutrients 2582, 8440
oxygenases 10592
pesticides 7320
phenylalanine ammonia-lyase 599
phosphorus 8440
polygalacturonase 9558
protein kinase 7320
proteinases 592
Pseudomonas syringae 7320

Lycopersicon esculentum *cont.*
nucleotide sequences *cont.*
recombination 9549
ripening 6134, 7313, 10593, 11642
senescence 7315
stress 6134
tissue culture 3873
nutrients 3875, 5026, 8439
ovule culture 9551
parthenocarpy 5010
peroxidases 8445
pests 5032
reviews 612
photosynthesis 9567
Phytophthora infestans 1668
Phytophthora nicotianae 615, 1669
plant composition 5020, 6142, 12607
techniques 7317
Pleospora tarda 2587
pollination 8433
proteins 5029
protoplast fusion 2574, 10595
Pseudomonas 12601
quality 1661, 2580, 3874, 5016, 5021-5024, 6142, 7316-7317, 8438, 9566, 10591, 12607
Ralstonia solanacearum 613, 1664, 2585-2586, 7319, 12611
random amplified polymorphic DNA 7309
somaclonal variation 2579
recombination 3859, 5007
yield components 6135
restriction fragment length polymorphism
Leveillula taurica 12612
phytochrome 2577, 5015
quantitative traits 1647, 1662
salinity 1662
ripening 603
salinity 609-610, 2584, 3877, 8442, 10603
seeds, storage 12198
Septoria lycopersici 6144
somaclonal variation 5019, 9563
Clavibacter michiganensis 11646
quality 11643
sowing date 606
Stemphylium solani 3881
stomata 6140
storage 3874, 9566
stress 6135
temperature 3868, 8433
tissue culture 2583, 5017-5018, 8437, 8443, 9564
tomato spotted wilt tospovirus 4999, 5042
tomato yellow leaf curl bigeminivirus 619, 621, 2591, 5041
toxic substances 8443
translocation 9553
transplanting 607-608
2-tridecanone 6147
Tuta absoluta 6147
variety classification 5029
variety trials 2563-2564, 2591, 3875, 7307, 7319, 11639, 12185, 12594
viruses 5043
water balance 6137
waxes 2574
yield correlations 606, 1659-1660, 2562, 7316, 8436, 10602, 12606
yields 5001, 12185
varieties
Aran 5003
Astol 5003
Astrakhansky 5003
INCA-17 6132
Jiafen-15 2568
Lu Fanqie-3 2566
Puhong-8 2565
Yue Xing 2567
Zhongza-8 5002
Lycopersicon glandulosum, tissue culture 8437
Lycopersicon hirsutum
allelopathins 9571
essential oils 2574
genetic variance
tomato yellow leaf curl bigeminivirus 11649
yield components 11649
Lycopersicon hirsutum *cont.*
genetics
insects 2592
2-tridecanone 2592
heritability
insects 2592
2-tridecanone 2592
interspecific hybridization 621, 2574, 2592, 6147, 9571, 11649
Phthorimaea operculella 9571
Phytophthora infestans 12613
protoplast fusion 2574
tomato spotted wilt tospovirus 4999
tomato yellow leaf curl bigeminivirus 621
2-tridecanone 6147
Tuta absoluta 6147
waxes 2574
Lycopersicon pennellii
gene mapping, quantitative traits 1647
genetics, sucrose 10599
interspecific hybridization 1647, 1653, 3862, 6141, 9546, 10599, 12610, 12614
random amplified polymorphic DNA, insects 9546
restriction fragment length polymorphism, quantitative traits 1647
Lycopersicon peruvianum
Clavibacter michiganensis 5036
cold resistance 9567
DNA hybridization 10595
β-fructofuranosidase 5008
gene mapping 5007
genetic transformation 2493, 11596
genetics
Clavibacter michiganensis 5035
Meloidogyne incognita 1671-1672
Meloidogyne javanica 1670
self incompatibility 12600
temperature 1670
interspecific hybridization 600, 621-622, 1670, 1672, 5007-5008, 5036, 9551, 9567, 11641
Meloidogyne incognita 5045
Meloidogyne javanica 5045
ovule culture 9551
photosynthesis 9567
protoplast fusion 10595
recombination 5007
tissue culture 8437, 9564
tomato yellow leaf curl bigeminivirus 621
Lycopersicon pimpinellifolium
gene mapping, *Ralstonia solanacearum* 5033
genetics, *Ralstonia solanacearum* 5034
interspecific hybridization 621, 1655, 1662, 5033-5034, 12609
Phytophthora infestans 12613
restriction fragment length polymorphism
quantitative traits 1662
salinity 1662
tissue culture 9564
tomato yellow leaf curl bigeminivirus 621
Lycopersicon* (×) *Nicotiana
chromosome elimination 5009
protoplast fusion 5009
ultraviolet radiation 5009
Lycopersicon* × *Solanum
Botrytis cinerea 10594
intergeneric hybridization 10594
Lycopersicon* (×) *Solanum
protoplast fusion 11596
in situ hybridization 1648
protoplast fusion 1648, 2493
Lycoris, pollen 8869
Lymantria dispar, *Populus,* genetic transformation 11940
Lysine
Arabidopsis thaliana
gene mapping 12139
mutations 12139
Hordeum vulgare 10110
mutations 5678
Nicotiana tabacum, genetic engineering 9740
Oryza sativa
genetics 11431
induced mutations 11431
Lysine *cont.*
Oryza sativa cont.
mutations 10330, 12394
Sorghum bicolor, genetic variance 8113
Triticum durum 6698
Zea mays 284, 5819, 10238
combining ability 283
gene mapping 5818
genetic engineering 9241
genetic transformation 253
mutations 5812
Lysozyme, *Nicotiana tabacum,* genetic transformation 11894
Lythrum salicaria
gene flow 1102
genetic drift 1102
Macadamia
breeding 4021
compatibility 4021
pollination 5167
quality 9652
Macadamia integrifolia
breeding 11787
nutritive value 11788
plant introduction 9653
quality 9653
Macadamia tetraphylla, breeding 11787
Maclura pomifera
genetics, isoenzymes 5295
polyploidy 5295
Maconellicoccus hirsutus, Vitis vinifera 6208
Macroclinium, taxonomy 3102
Macroclinium confertum, taxonomy 3102
Macroclinium generalense, taxonomy 3102
Macrophomina phaseolina
Cicer arietinum 9460
Corchorus capsularis 10887
Corchorus olitorius 2905, 10887
Phaseolus vulgaris 486
Macroptilium atropurpureum
gamma radiation 8246
induced mutations, yield components 8246
mutagens 8246
sodium azide 8246
Uromyces appendiculatus 4809
varieties, Aztec 4809
Macrosporium *(see Pleospora)*
Macrotyloma uniflorum
gamma radiation 11589
heritability, yield components 1557
induced mutations, plant composition 11589
stability, yield components 11590
tissue culture 3782
yield correlations 1557, 3781
varieties
Deenanath 10519
DFH1 10519
Magicicada septendecim, Pyrus pyrifolia 10666
Magnaporthe grisea
cereals, genetics 7791
Eleusine coracana 5866
Oryza 5933
Oryza minuta 10338
Oryza sativa 388, 390-391, 1419-1420, 2365, 4740, 4744, 4748, 5933, 5935-5937, 7059, 8177, 8179-8180, 9091, 9312, 10338, 10340-10341
artificial selection 4747, 8178
gene expression 10339, 11443
gene mapping 1421, 5934, 9311, 12367
genetic markers 4746
genetic transformation 11443
genetics 389, 2364, 3633, 4745, 7060-7061
induced mutations 8145
molecular genetics 4743
multivariate analysis 392
restriction fragment length polymorphism 1421, 12367
Magnesium, *Lolium perenne* 10346
Magnesium chelatase
Arabidopsis thaliana
gene expression 2078
molecular genetics 2078
Hordeum vulgare, mutations 6789
Magnolia, varieties, Vulcan 5341

Mahonia confusa, interspecific hybridization 5349
Mahonia gracilipes
interspecific hybridization 5349
plant introduction 5349
Maize chlorotic mottle machlomovirus, *Zea mays*, artificial selection 3527
Maize dwarf mosaic potyvirus
Panicum miliaceum, genetics 10278
Sorghum bicolor, genetics 10278
Zea mays
gene location 4618
genetics 4618
random amplified polymorphic DNA 2285
Maize mosaic nucleorhabdovirus
Zea mays
gene mapping 12336
restriction fragment length polymorphism 12336
Maize rough dwarf fijivirus, *Zea mays*, genetic variance 3524-3525
Maize stripe tenuivirus, *Sorghum bicolor* 9269
Majorana *(see Origanum)*
Malate dehydrogenase
Amaranthus hypochondriacus, gene expression 3641
Flaveria
chloroplast genetics 5404
gene expression 5404
Flaveria bidentis, genetic transformation 9833
Glycine max
genetics 4824
linkage 4824
Panicum coloratum, genetics 4638
Phaseolus lunatus, genetics 10453
Sorghum bicolor
gene expression 9833
genetic engineering 9833
Male sterility (*see also* Cytoplasmic male sterility)
Aegilops × *Triticum* 7928
nucleocytoplasmic interaction 7944
Allium 8417
Allium cepa 10569
Allium fistulosum, artificial selection 2521
Allium tuberosum 2520
Arabidopsis thaliana
genetic markers 12132
genetic transformation 1204
mutations 4403, 7830
restriction fragment length polymorphism 12132
Beta vulgaris, sugarbeet 7544, 8677
Brassica
Chinese cabbages 7283
genetics 2541-2542
Brassica campestris 7454
Brassica napus
rape 8565, 10767, 12733
artificial selection 12727
genetics 11802, 12727
Brassica oleracea
broccoli, genetics 7282
cabbages 2539
Brassica pekinensis, genetics 1615-1616, 7284
Cajanus cajan 9465, 10492
genetics 11572
induced mutations 9467
Capsicum annuum 6149
Carthamus tinctorius
genetics 8598
linkage 12746
mutations 12746
Caryophyllaceae 97
Cucumis melo 641
Cucurbita pepo, genetics 7338
Eleusine coracana, germplasm releases 6995
Fragaria ananassa, mitochondrial genetics 12579
Gelidium vagum, backcrossing 8935
Glycine max 6011
chromosome pairing 8264
genetic transformation 8263
genetics 7139
linkage 10405
Male sterility *cont.*
Glycine max cont.
mutations 7139
Gossypium 6348
Helianthus annuus 10787
Hordeum vulgare 5669
genetics 1320
nucleocytoplasmic interaction 2215
Lilium maculatum, artificial selection 3092
Lotus corniculatus, genetics 3689
Lycopersicon
gene expression 6136
molecular genetics 6136
Lycopersicon esculentum 8433
Nicotiana tabacum, genetic transformation 12814
Oryza sativa 354-356, 358-360, 1408, 2329, 3590, 3593-3594, 5891-5892, 7023-7026, 7028, 9293-9294, 11411, 11414
artificial selection 4747, 5896
chromosome aberrations 7022
gene location 357
genetic markers 8150
genetics 2327, 3595, 8151, 10307-10308
induced mutations 3591
linkage 357
molecular genetics 11412
random amplified polymorphic DNA 8150
Pennisetum glaucum 326, 3563, 11393, 12347
Plantago lanceolata 7717
Prunus persica 8488
Raphanus sativus 1597
genetics 2512
reviews 10011
Sorghum bicolor 3544
triticale
artificial selection 6851
backcrossing 11324
Triticum aestivum 2149-2150, 3318, 6719-6720, 7926, 10046-10048, 12230, 12233
gene expression 3326
genetic engineering 12227
genetic transformation 12227
genetics 2151
induced mutations 1279, 5624
nucleotide sequences 3326
Zea mays 10191
gene mapping 5751, 5753, 9212
genetics 5752, 6926
linkage 9215
mutations 5811, 6926, 9214, 9217
restriction fragment length polymorphism 5751, 9212
Maleic hydrazide
Oryza sativa 1406
Tradescantia 1097
Malic enzyme
Zea mays
gene mapping 10150
molecular genetics 10150
Mallotus philippensis
polyploidy 7740
tissue culture 7740
Malus
breeding 10645
chromosome pairing 7354
cold resistance 9592
combining ability, flowering 11674
cryopreservation 10648
cuttings 11669
drought resistance 3934
embryo culture 5083
genetic markers, *Venturia inaequalis* 8473
genetic variation, peroxidases 1722
genetics
Erwinia amylovora 8468
isoenzymes 11672
superoxide dismutase 12645
heat resistance 3934
heritability, flowering 11674
isoenzymes 6173
techniques 11673
variety classification 12645
Malus *cont.*
multivariate analysis, drought resistance 1723
ornamental value 1721
peroxidases 6173
polyploidy 7354
Popillia japonica 5086
rootstocks 664, 3934, 5083
taxonomy 1722, 6176-6177
volatile compounds 5086
waterlogging 664
Malus baccata
iron 8470
nutrients 8470
Malus floribunda, genetic markers, *Venturia inaequalis* 8474
Malus hupehensis, apomixis 1720
Malus mandshurica, apomixis 1720
Malus pumila
anatomy 11671
anther culture 3928
Aphidoidea 10662
artificial seeds 9591, 11210
breeding 3920, 7349, 7351, 10646-10647
history 3919
books 6564
cold resistance 3929
crop density 6172
cryopreservation 10648
development 663
Erwinia amylovora 654, 1724, 6178, 8467, 8472
flowering 7356
fluorescence *in situ* hybridization 7352
fruit cracking 665, 3935, 7361
fruits 9590, 11671
gene expression
cold 10658
development 7353, 10653
flowers 10653
fruits 10653
metallothionein 10658
ripening 10658
self incompatibility 11670
gene location, ribosomal RNA 7352
gene mapping 7869, 8469, 10652
Dysaphis devecta 7362
genetic engineering
ACC oxidase 5080
ethylene 5080
genetic markers, habit 10660
genetic resources 2666, 7348
genetic transformation 10651
Agrobacterium tumefaciens 3925
diseases 8471
Erwinia amylovora 8471
germplasm releases
diseases 7359
Venturia inaequalis 7359
haploidy 3928
harvesting 663
interspecific hybridization 11672-11673
isoenzymes 3926, 6173, 6179
linkage, *Dysaphis devecta* 7362
mechanical damage 11675
microsatellites, variety classification 5081
molecular genetics, quality 3933
mutations 655
colour 10659
fruits 661, 10659
quality 661
mycorrhizas 660
nucleotide sequences
development 7353, 10653
flowers 10653
fruits 10653
self incompatibility 11670
Panonychus ulmi 6180
peroxidases 6173, 6179
phosphoglucomutase 3926
Physalospora piricola 6179
plant disorders 7361
plant introduction 1719
Podosphaera leucotricha 10662
pollen germination 10644, 10656
pollination 659, 6172, 10642, 10654
polymerase chain reaction, rooting capacity 10641
polyploidy 658, 2671, 6172
quality 662, 3932, 5085, 6174-6175, 10643, 10661

Malus pumila *cont.*
random amplified polymorphic DNA
genetic distance 3926
variety classification 12644
Venturia inaequalis 9593
regenerative ability 3930
restriction fragment length polymorphism
Dysaphis devecta 7362
genetic distance 3926
rootstocks 3929, 7357, 10655, 10657
self compatibility 7355
somatic embryogenesis 7358
spur types 3921
storage, pollen 10644
tissue culture 658, 3931, 5082, 5084, 9591
variety trials 655, 1719, 2667, 3921-3922, 6171, 6174, 9589, 10649, 11666
Venturia inaequalis 1725, 7360, 10662
varieties 657, 7345, 7347, 7349, 7351, 10650
4-23 5076
Belmac 3924
books 6564
Cortland 11667
Egri Piros 7350
Goldstar 7360
Hangcuei 656
Hanguang 5078
Huahong 5077
Jonagored 2668
Liquan Duanfu 12643
M.26 10655
M.27 10655
M.9 10655
Maypole 2669
Morren's Jonagored 2668
Ninghong 5079
Perellons 2666
Pink Lady 11668
Rajka 7360
Rubinola 7360
SA244-20 2669
SA251-18 2670
Topaz 7360
TropicSweet 3923
Waltz 2670
Malus purpurea, interspecific hybridization 11672-11673
Malus scheideckeri, interspecific hybridization 11672-11673
Malus sieversii, genetic variation, isoenzymes 3927
Malus sylvestris, genetic resources 2665
Malus toringo, mycorrhizas 660
Malus xiaojinensis
iron 8470
nutrients 8470
Malus zumi, apomixis 1720
Malvaceae, taxonomy 11908
Mammillaria sinistrohamata, genetic resources 5440
Mammillaria wagneriana, genetic resources 5440
Mandevilla amabilis
varieties
Beauty Queen 3015
Magic Dream 3016
Ruby Star 12916
White Delite 12917
Manganese
Arabidopsis thaliana
genetics 3241
mutations 3241
Glycine max 468
Hordeum vulgare 6794
Mentha arvensis 12045
Oryza sativa
combining ability 3606
genetic variance 3606
Triticum aestivum 6751-6752
Triticum durum 6752
Mangifera indica
abnormal development 1751, 8536
Aceria mangiferae 802
breeding 799, 12694-12695
books 9916
Ceratocystis fimbriata 9639
flowers 801, 2721
fruits 9636

Mangifera indica *cont.*
genetics, books 9916
Glomerella cingulata 9638
hermaphroditism 2721
heterosis, quality 9637
inflorescences 1751, 8536
Oidium mangiferae 10746
pollen 9636
pollination 800
Procontarinia matteiana 803, 11777
rootstocks 799, 12695
salinity 12694
sex 801
variety trials 1750
Xanthomonas campestris 1752
xenia 800
varieties
Gomera-1 7421
Gomera-3 7421
Gomera-4 7421
Hongmang-6 4003
Rumang 5152
Shelly 12697
Tango 12696
Manihot
chemotaxonomy 2511
isoenzymes 2511
polyploidy 10553
unreduced gametes 10553
Manihot esculenta
cassava African mosaic bigeminivirus 9519
combining ability, yield components 10555, 12562
cryopreservation 10556
gene banks 12078
gene expression 3810
α-hydroxynitrile lyase 11611
gene mapping 2509, 12561
genetic resources 8397
genetic transformation 3810, 8398, 10552, 12560
genetics
Bemisia tabaci 4934
carotenes 10554
cassava African mosaic bigeminivirus 4934
colour 10554
roots 10554
heterosis, yield components 10555
interspecific hybridization 7240, 10553
microsatellites 12561
molecular genetics 12078
starch 12563
nucleotide sequences, ribulose-bisphosphate carboxylase 6098
nutrients 11612
protoplast culture 6099
quality 559, 2510
random amplified polymorphic DNA 2509, 12561
restriction fragment length polymorphism 12561
starch 559, 2510
tissue culture 7241, 12560
variety trials 12559
Vigna unguiculata, crop mixtures 1545
Xanthomonas axonopodis 6100
Manihot glaziovii, interspecific hybridization 10553
Manihot hilariana
interspecific hybridization 4933
isoenzymes 4933
Manihot nana
interspecific hybridization 4933
isoenzymes 4933
Manihot neusana, interspecific hybridization 7240
Manihot nogueirae
interspecific hybridization 4933
isoenzymes 4933
Manihot pohlii, interspecific hybridization 7240
Manihot salicifolia
interspecific hybridization 4933
isoenzymes 4933
Manilkara zapota
flowering 5161
genetic resources 8540
variety trials 807

Mannitol, *Nicotiana tabacum,* genetic transformation 9750, 10863
Mannitol dehydrogenase, *Lycopersicon esculentum,* gene expression 2570
Mannose-6-phosphate 6-reductase
Apium graveolens
gene expression 9542
nucleotide sequences 9542
MAP kinase
Petroselinum crispum
gene expression 12046
nucleotide sequences 12046
Marah macrocarpus
gene expression, gibberellin oxidase 12633
nucleotide sequences, gibberellin oxidase 12633
Maranta gibba, chromosome number 8910
Marasmia exigua, *Oryza sativa* 5942
Marasmia patnalis, *Oryza sativa* 5942
Marchantia polymorpha, chloroplast genetics, phylogeny 11214
Marrubium vulgare
artificial selection 11057
genetic resources 11057
Maruca vitrata
Cajanus cajan 9485
Vigna 1548
Vigna unguiculata 2473
Maternal effects
Arabidopsis thaliana
development 4414
plant embryos 4414
Corchorus olitorius, endosperm 12842
Ipomopsis aggregata 12993
Lupinus texensis 4797
Mimulus guttatus 12982
Nicotiana tabacum, plant embryos 7580
Oryza sativa
cold resistance 3628, 4736
quality 12395
Petunia hybrida
development 9849
seeds 9849
Pisum sativum, translocation 12502
Raphanus raphanistrum, Pieris rapae 9527
reviews 4436
Triticum aestivum, gliadin 4490
Triticum spelta, gliadin 4490
Zea mays
aneuploidy 261
colour 5793
seeds 5793
Mathematics
artificial selection 1150
backcrossing 5504
Beta vulgaris, sugarbeet, genotype environment interaction 11866
Cucumis sativus, cold resistance 2653
DNA 8980
epistasis, quantitative traits 12164
evolution 12181
flowering 101
forest trees, sexual reproduction 4160
gene mapping 3191, 11198, 12086
quantitative traits 6610
genetic drift 3
genetic resources 11126
genetics 5504
pathogens 7782
stability 7854
genotype environment interaction 12, 7773, 11131
Glycine gracilis, stability 10421
Glycine max
growth period 4827
stability 10421, 11540
Glycine soja, stability 10421
Gossypium hirsutum, chromosome pairing 935
inbreeding 2032, 7851
inbreeding depression 91, 1230
Oryza sativa
photoperiodism 3603
quality 7045
outcrossing 2032
Phaseolus vulgaris, yield correlations 2449
phylogeny 7865, 12181
pollination 12172

Mathematics *cont.*
polyploidy 3260
population genetics 5578, 7851, 10006
pathogens 7783
quantitative genetics 1231
recombination 10001
selection 3
sexual reproduction 7860
Simmondsia chinensis
chilling requirement 5206
dormancy 5206
stability 12088
Trifolium pratense
artificial selection 8232
heritability 8232
triticale, stability 12089
variety trials 7773
Zea mays
genetic variation 8069
genotype environment interaction 7773, 8962
heterozygosity 9202
stability 277
variety trials 7773, 8962
Matricaria *(see also Chamomilla)*
Matthiola incana, linolenic acid 12778
Maxillaria gomeziana, taxonomy 3105
Mayetiola destructor
Aegilops × *Triticum,* chromosome addition 10096
Poaceae 2132
Triticum aestivum 6767
genetics 1303, 2204
random amplified polymorphic DNA 6768, 9161
Triticum araraticum 3354
Triticum durum, genetics 5660
Maysin
Zea mays
gene location 6950
gene mapping 9258-9259
genetics 5841, 9259
linkage 5841
restriction fragment length polymorphism 6950, 9258
Mechanical damage
Malus pumila 11675
Phaseolus vulgaris 4860
Solanum tuberosum 547
gene expression 8383
Mechanical harvesting
Beta vulgaris, fodder beet 2515
Capsicum annuum 12623
Cucumis sativus 2652
Saccharum officinarum 874
Meconopsis, restriction fragment length polymorphism, phylogeny 6538
Meconopsis cambrica, taxonomy 6538
Medicago
fluorescence *in situ* hybridization
nucleolus organizer 2396
ribosomal DNA 1442
genetic markers, sexual reproduction 12414
genetic resources 2390
interspecific hybridization 1442
restriction fragment length polymorphism, ribosomal DNA 1442
Medicago ciliaris
genetic distance 5977
interspecific hybridization 5977
isoenzymes 5977
Medicago intertexta
genetic distance 5977
interspecific hybridization 5977
isoenzymes 5977
Medicago littoralis
Aphidoidea 3673
varieties
Herald 3673
Z245 3673
Medicago orbicularis
alfalfa mosaic alfamovirus 1449
chromosome number 9345
tissue culture 12439
Medicago polymorpha, chromosome number 9345
Medicago rigidula, tissue culture 12439
Medicago ruthenica
forage 9341
stress 9341
Medicago sativa
abscisic acid 9348
Acyrthosiphon pisum 9349
anther culture 3675
artificial seeds 11210
artificial selection
seed production 7101
unreduced gametes 5975
biotechnology, reviews 7096
breeding 9342-9343
conferences 5489
chloroplast genetics 1441
chromosome aberrations 11495
colour 12438
combining ability, nutritive value 5978
Ditylenchus dipsaci 429
DNA, techniques 3189
DNA fingerprinting, nodulation 3678
dormancy 1444
drought resistance 9348, 11499
Empoasca fabae 10374
flowers 12438
fungi 429, 12442
gene expression
carbonate dehydratase 7103
cell cycle 9344
cold resistance 7105, 8231
Colletotrichum trifolii 7106
2,4-D 12435
glutamate-ammonia ligase 11524
growth regulators 12435
histones 1440
injuries 7104
lectins 12436
nitrogen fixation 12441
nodulation 5979
nodulins 9346
pathogenesis-related proteins 4791, 5979
pectate lyase 4788
peroxidases 2398
phosphoenolpyruvate carboxylase 12441
Phytophthora megasperma 424
plant embryos 5976
pollen 4788-4789
proline-rich proteins 12435
protein kinase 7097, 7104, 9344
salinity 5981, 11498
somatic embryogenesis 2400, 7102
stress 7106
gene mapping 3674
genetic engineering
Bacillus thuringiensis 5596
Spodoptera exigua 5596
Spodoptera littoralis 5596
genetic markers, development 7098
genetic resources 4783
genetic transformation 10369, 11495
chitinase 424
drought resistance 3680
β-glucanase 424
glutamate-ammonia ligase 11524
lectins 12436
proteins 12186
superoxide dismutase 3680
zein 12186
genetic variance, roots 4790
genetics
conferences 5489
nodulation 3678, 12440
Rhizobium 12440
Sclerotinia trifoliorum 1446
germination 2399
germplasm releases, seed production 7099-7101
growth regulators 9348
haploidy 3675
heritability
roots 4790
tissue culture 11496
in vitro selection
drought resistance 427
salinity 1445
lignin 1447
molecular genetics
cold resistance 3681
drought resistance 3681
nodulation 11497
Rhizobium 11497
Medicago sativa *cont.*
mutations
development 7098
nodulation 12440
Rhizobium 12440
nucleotide sequences
carbonate dehydratase 7103
Colletotrichum trifolii 7106
2,4-D 12435
growth regulators 12435
histones 1440
pectate lyase 4788
peroxidases 2398, 8228
phosphoenolpyruvate carboxylase 12441
pollen 4788-4789
proline-rich proteins 12435
protein kinase 7097
somatic embryogenesis 7102
stress 7106
Phytophthora medicaginis 10373
plant glands 10374
plant hairs 10374
pollen culture 3675
polyploidy 10373
proline 10371
random amplified polymorphic DNA 3674, 11494
variety classification 7095
restriction fragment length polymorphism 3674
unreduced gametes 2397
salinity 10371
saponins 429
Sclerotinia trifoliorum 1448
techniques 1446
seed production 2399
Sitona hispidulus 430
somatic embryogenesis 425
stability, yield components 3679
synthetic varieties 2393-2394, 5972
tissue culture 3677
reviews 3676
unreduced gametes 5974, 12437
Uromyces striatus 1447
variety trials 2391, 2395, 4784-4785, 11493-11494
Verticillium albo-atrum 10372
volatile compounds 12438
varieties 2395
ABT805 8227
AmeriGraze-720 8226
Aquarius 4786
Genesis 4787
Jitka 2393, 5972
L34HQ 423
Niva 2394, 5972
Sigma 2392
Y8408 4786
Y8506 4787
Medicago scutellata, chromosome number 9345
Medicago tornata
DNA 8229
random amplified polymorphic DNA 8229
wide hybridization 8229
Medicago truncatula
DNA 8229
ethyl methanesulfonate 5980
gene expression
Glomus versiforme 10370
mycorrhizas 10370
nodulation 426
peroxidases 9347
Rhizobium 9347
genetic markers, quantitative traits 1443
genetic transformation
glufosinate 5973
herbicides 5973
heritability, quantitative traits 8230
induced mutations
ethylene 5980
growth regulators 5980
Rhizobium 5980
mutagens 5980
natural selection 8230
random amplified polymorphic DNA 8229
quantitative traits 1443
wide hybridization 8229

***Medicago varia*, *in vitro* selection**, salinity 11500
Medicago* (×) *Lotus
aluminium 428
protoplast fusion 428
toxic substances 428
Medicinal plants
gene banks 8904
genetic resources 9871
books 11114
genetic transformation, reviews 9870
Meiosis 95
(*see also* Chromosome pairing)
Abies alba 10978
Aegilops × *Triticum* 122
Arabidopsis thaliana 7830
mutations 12130
Brassica × *Orychophragmus* 6245
Coprinus cinereus 9906
Dasypyrum villosum 2384
Dendrobium superbiens 3100
Echinochloa helodes 10284
Elymus × *Triticum* 122
Lycopersicon esculentum, mutations 7312
Myrtillocactus geometrizans 2724
Phlox drummondii 3056
reviews 1232
Rosa 6457
Secale cereale
genetics 3405
mutations 3405
Solanum tuberosum, mutations 12202
Triticum aestivum 10047-10048
Zea 10243
Zea mays 263, 4596, 5742, 10178
mutations 262
***Melaleuca*, taxonomy** 13047
Melaleuca alternifolia
artificial selection, essential oils 7735
genetic resources 7735
tissue culture 9896
Melampsora
Populus deltoides, genetics 12879
Populus trichocarpa, genetics 12879
Salix eriocephala 10925
Salix sericea 10925
Salix viminalis 4178
***Melampsora epitea*, *Salix*, genetics** 8788
Melampsora larici-populina
Populus
genetic markers 1884
random amplified polymorphic DNA 7627
Populus canadensis 10921
Populus deltoides, genetics 12878
Populus nigra, genetics 12878
Melampsora lini
Linum usitatissimum
flax 10885
molecular genetics 9774
mutations 9774
linseed, genetics 8591
Melampsora occidentalis*, *Populus trichocarpa 9790
***Melampsora populnea*, *Pinus pinaster*,** genetic variance 10965
Melampsoridium betulinum*, *Betula pendula 5279
Melanagromyza obtusa
Cajanus cajan, genetics 12523
Cajanus scarabaeoides, genetics 12523
Melanocallis caryaefoliae*, *Carya illinoinensis 9650
***Melilotus suaveolens*, cell culture** 2405
***Melocactus violaceus*, taxonomy** 12030
Meloidogyne
Capsicum annuum 2615
Cucumis sativus, germplasm releases 8459
Desmodium heterocarpon, artificial selection 11517
gene expression 8968
Lycopersicon esculentum, genetics 11650
Prunus 6185
Solanum 8390
tuberous species 4926
genetics 8389
Solanum tuberosum 8390
Trifolium 5989
Trifolium repens 1469
Meloidogyne arenaria
Arachis, genetic markers 4079
Arachis cardenasii
gene mapping 2772
polymerase chain reaction 2772
random amplified polymorphic DNA 2772
restriction fragment length polymorphism 2772
Arachis hypogaea
gene mapping 2772
polymerase chain reaction 2772
random amplified polymorphic DNA 2772
restriction fragment length polymorphism 2772
Glycine max 473
germplasm releases 7162
Trifolium pratense 2404
Trifolium stoloniferum 2404
Meloidogyne chitwoodi
Solanum, backcrossing 12556
Solanum tuberosum, backcrossing 12556
Meloidogyne fallax
Solanum 4927
backcrossing 12556
Solanum tuberosum, backcrossing 12556
Meloidogyne hapla
Alysicarpus vaginalis 1482
Raphanus sativus 11620
Rosa 12971
Solanum 4927
Meloidogyne incognita
Alysicarpus vaginalis 1482
Arabidopsis thaliana, genetic transformation 12157
Beta vulgaris, sugarbeet 6306
Capsicum annuum 11655
genetics 1645, 3896
Cicer arietinum 11520
Coffea 895
Dianthus caryophyllus 6483
Gossypium hirsutum 1873, 2900
Hibiscus cannabinus 5266
Ipomoea batatas
genetics 3818
heritability 3818
Lycopersicon 11641
Lycopersicon esculentum 590, 5045, 7322, 8445
genetics 1645, 1672
Lycopersicon peruvianum 5045
genetics 1671-1672
Musa 11769
Raphanus sativus 11620
Solanum 590
Trifolium pratense, combining ability 5987
Vigna mungo, induced mutations 525
Vigna unguiculata 8351, 11520
Zea mays 3528
Meloidogyne javanica
Cucumis sativus, genetics 7343
Glycine max
genetic markers 11545
restriction fragment length polymorphism 11545
Ipomoea batatas
genetics 3818
heritability 3818
Lycopersicon esculentum 2561, 5045
Lycopersicon peruvianum 5045
genetics 1670
Musa 11769
Nicotiana tabacum, gene expression 6343
Saccharum officinarum 884
Solanum melongena 2561
Trifolium pratense 5988
Trifolium stoloniferum 5988
Zea mays 308
Membrane proteins
Nicotiana tabacum, nucleotide sequences 909
Oryza sativa
gene expression 8138
nucleotide sequences 8138
Spinacia oleracea
gene expression 583
nucleotide sequences 583
Membranes, *Cucumis sativus*, nucleotide sequences 9581
Mentha arvensis
fungi 11081
gamma radiation 9892
induced mutations, essential oils 9892
manganese 12045
suckers 4305
toxic substances 12045
Mentha canadensis
essential oils 9893
taxonomy 9894
Mentha piperita
gamma radiation 9892
genetic transformation 6545
induced mutations, essential oils 9892
multivariate analysis, oils 6547
protoplast culture 3125
regenerative ability 6545
somaclonal variation, monoterpenes 3125
Mentha spicata
clines 12044
essential oils 12044
Mercaptopurine, *Zea mays* 10169
Mercuric chloride, *Hordeum vulgare* 5681
Mesembryanthemum crystallinum
molecular genetics
cells 5442
photosynthesis 9866
Messenger RNA, molecular genetics 8985
Metallothionein
Arabidopsis thaliana
gene expression 12122
genetic transformation 12122
Lycopersicon esculentum
gene expression 7310
nucleotide sequences 7310
Malus pumila, gene expression 10658
Nicotiana glutinosa
gene expression 4129
nucleotide sequences 4129
Oryza sativa
gene expression 3582
nucleotide sequences 3582
Pisum sativum
gene expression 12122
genetic engineering 12122
Pseudotsuga menziesii
gene expression 10981
nucleotide sequences 10981
Triticum aestivum
gene expression 3317, 6739
nucleotide sequences 3317
Vicia faba
gene expression 7166
nucleotide sequences 7166
Metals
Arabidopsis thaliana
genetics 3241
mutations 3241
Metaxenia (*see* Xenia)
Methionine
Onobrychis viciifolia, *in vitro* selection 9364
Robinia pseudoacacia
gene expression 4181
nucleotide sequences 4181
Methionine adenosyltransferase
Actinidia chinensis, gene expression 9617
Catharanthus roseus
gene expression 6527
nucleotide sequences 6527
Methyl bromide, *Fragaria ananassa* 3974
Methyl jasmonate
Arabidopsis thaliana
gene expression 9051
mutations 9051
Hordeum vulgare, gene expression 9164
Methyl methanesulfonate
Guizotia abyssinica 8612
Hamatocactus setispinus 3109
Hordeum vulgare 5669
Methylmethionine sulfonium, *Citrus* 4000
***N*-methyl-*N*-nitrosourea**
Helianthus annuus 2757
Hordeum vulgare 8019
Oryza sativa 11431
Solanum sisymbriifolium 8370
***Methylobacterium mesophilicum*, tissue culture** 1243
Methyltransferases
Chrysosplenium americanum
gene expression 5454

Methyltransferases *cont.*
Chrysosplenium americanum cont.
nucleotide sequences 5454
Nicotiana tabacum
gene expression 2836
genetic transformation 2836
Zea mays
gene expression 12313
nucleotide sequences 12313
Metopolophium dirhodum, Triticum aestivum 1301
Metribuzin
Lycopersicon esculentum 7322
Pisum sativum 1531
Metroxylon sagu, random amplified polymorphic DNA 12051
Microcitrus, polymorphism, isoenzymes 4002
Microcitrus* (×) *Citrus, protoplast fusion 5147
Microcyclus ulei, Hevea brasiliensis 10892
Microdochium oryzae, Oryza sativa 4744
Micromeria
chemotaxonomy 4316
essential oils 4316
Micromyrtus grandis, taxonomy 5357
Micropropagation (*see* Tissue culture)
Microsatellites 2069
Abies
genetic engineering 5309
genetic markers 5309
Arabidopsis thaliana 11170
Beta vulgaris, sugarbeet 2812
Cedrus
genetic engineering 5309
genetic markers 5309
Citrullus lanatus 3898
Citrus × *Poncirus* 8521
Cucumis 3898
Cucurbita 3898
phylogeny 644
Eucalyptus maculata 963
Eucalyptus nitens 963
Humulus lupulus, variety classification 3130
Lycopersicon esculentum
molecular genetics 5004
variety classification 5006, 7311, 12597
Malus pumila, variety classification 5081
Manihot esculenta 12561
Musa, genomes 12683
Oryza, variety classification 12365
Oryza sativa 2316, 3580
amylose 10292
variety classification 4680, 12365
Phyllostachys pubescens 13049
Picea
genetic engineering 5309
genetic markers 5309
Picea abies, genetic markers 12901
Pinus
genetic engineering 5309
genetic markers 5309
Pinus strobus 5311, 7641, 11957
Quercus petraea, genetic markers 12863
Quercus robur, genetic markers 12863
Solanum tuberosum 534
techniques 2060
Triticum aestivum 7925, 11246
Vitis vinifera, variety classification 1738
Zea, phytoene synthase 2247
Zea mays 2251
genetic markers 1358
nucleotide sequences 5713
Microtis eremaea, taxonomy 4287
Microtis graniticola, taxonomy 4287
Microtis media, taxonomy 4287
Millettia podocarpa, taxonomy 9798
Mimosa, taxonomy 982
Mimosa tejupilcana, taxonomy 10945
Mimosa tenuiflora, tissue culture 6535
Mimulus
genetic markers, self pollination 12992
genetics
colour 6470
flowers 6470
plant glands 6470
Mimulus guttatus
epistasis 1057
Mimulus guttatus cont.
inbreeding depression 1053, 1057, 8831, 12982
interspecific hybridization 6470, 12988, 12992
maternal effects 12982
sexual reproduction 12988
Mimulus micranthus
interspecific hybridization 12988
sexual reproduction 12988
Mimulus platycalyx, interspecific hybridization 6470, 12992
Mirabilis jalapa
gene expression, pathogenesis-related proteins 397
genetic engineering, pathogenesis-related proteins 397
pollen competition 11021
pollen germination 11021
Miscanthus, amplified fragment length polymorphism 7090
Miscanthus ogiformis
chlorine 9339
energy resources 9339
nitrogen 9339
potassium 9339
tissue culture 3668
Miscanthus sinensis
chlorine 9339
energy resources 9339
nitrogen 9339
potassium 9339
Mitochondria
Arabidopsis thaliana
nucleotide sequences 4905
restriction fragment length polymorphism 5537
evolution 8973
gene expression, reviews 3184
Solanum tuberosum
gene expression 4905
nucleotide sequences 4905
Zea mays, gene expression 3451
Mitochondrial genetics 30, 3184, 3451, 12119
Actinidia deliciosa 10709
Aegilops 1273
phylogeny 5661
Agaricus bitorquis, RNA polymerase 1125
Allium, phylogeny 7257
Allium porrum, phylogeny 7257
Amblyopyrum mutica, phylogeny 5661
Arabidopsis thaliana 104, 2086, 9002, 9959
chloroplasts 81
heat shock proteins 9992
transposable elements 7828
variegation 81
Beta, cytoplasmic male sterility 5222
Beta vulgaris, sugarbeet, cytoplasmic male sterility 5223
Brachiaria brizantha, apomixis 11486
Brachiaria ruziziensis, apomixis 11486
Brassica campestris, cytochrome *c* 9659
Brassica napus
cytochrome *c* 9659
rape
cytochromes 823
cytoplasmic male sterility 9667, 11803
NADH dehydrogenase 9658
Brassica (×) *Raphanus* 7251
Cajanus cajan, cytoplasmic male sterility 7193, 9470
Cajanus sericeus, cytoplasmic male sterility 7193, 9470
Chenopodium album 396, 4753, 8187
Citrus 7412
Cucumis sativus 9583
Fragaria ananassa
male sterility 12579
quality 12579
Glycine max
cytoplasm 10400
oxidoreductases 11523
Helianthus annuus 1799
cytoplasmic male sterility 1798
Larix eurolepis 103
Lentinula edodes, fructification 6553
Nicotiana sylvestris 4116, 9723
Mitochondrial genetics *cont.*
Nicotiana sylvestris cont.
cytoplasmic male sterility 9725
Nicotiana tabacum 2086, 6322
cytoplasmic male sterility 1798, 2838
Nicotiana tomentosiformis 9723
Oryza sativa 338, 4670, 6322, 9285, 10291
adenosinetriphosphatase 339
NADH dehydrogenase 353
Phoenix dactylifera 4006
phylogeny 3276
Pisum sativum 104, 11564
heat shock proteins 3754, 8320
Plantago lanceolata, cytoplasmic male sterility 5473, 7718
Pleurotus ostreatus 11092
proteins
databases 4378
reviews 7803
Quercus robur 10905
Raphanus sativus 3824
ribonucleases 1188
Ricinus communis 5195
Solanum tuberosum 103-104, 2489, 8372
fertility 11599
Sorghum, phylogeny 2298
Sorghum bicolor
adenosinetriphosphatase 8107
cytoplasmic male sterility 313, 6963
triticale, cytoplasmic male sterility 6850
Triticum 1273
phylogeny 5661
Triticum aestivum
adenosinetriphosphatase 118, 11237
NADH dehydrogenase 3310
Vicia faba 9959
proteins 9424
ribosomes 9424
Zea mays 103, 5724, 10159
adenosinetriphosphatase 9194
cytoplasmic male sterility 10196
NADH dehydrogenase (ubiquinone) 9194
Mitosis (*see* Cell division)
Mitotic recombination, *Agaricus bisporus* 6552
Mixoploidy, *Cucumis sativus* 8456
Modifiers
Beta vulgaris, sugarbeet, monogerm seeds 5225
Oryza sativa, height 4712
self compatibility 10012
self incompatibility 10012
Triticum aestivum
habit 2153
spikelets 2153
Triticum turgidum
habit 2153
spikelets 2153
Moisture content
Helianthus annuus
combining ability 8592
genetic variance 8592
Ipomoea batatas 3816
Oryza sativa 4729
Triticum aestivum 9148
Zea mays 1369
genotype environment interaction 11348
Mokara
genomes 6505
polyploidy 6505
Molecular genetics 7799, 12075-12076, 12082-12083, 12117
Abies, pollen 1017
abscisic acid, reviews 9082
Agrobacterium rhizogenes 2058
Agrobacterium tumefaciens 2058
alcohol dehydrogenase 12113
Allium, phylogeny 6110
Allium altyncolicum, taxonomy 12582
Alnus glutinosa
Frankia 6390
nodulation 6390
Amaranthus hypochondriacus, globulins 2369
amylopectin, reviews 2056
Antirrhinum majus
development 3236
flowers 1073, 3236, 5412

Molecular genetics *cont.*
Arabidopsis thaliana 3188, 4372, 6629, 6637
abscisic acid 9032
actin 7821
calcium 8963
cell culture 3229
development 3235-3236, 7840
ethylene 9033
reviews 11175
fatty acid desaturases 7818
flowering 1216
flowers 3235-3236
glyceraldehyde-3-phosphate dehydrogenase 8988
growth regulators 9032-9033
height 5552
magnesium chelatase 2078
nutrients 5564
phytochrome 9982
potassium 5564
profilin 2079
protein kinase 6651, 9001, 9033
Pseudomonas syringae 6143
repetitive DNA 5536
senescence 3229
stress 8963
transposable elements 7825
Arecaceae, evolution 8987
Atriplex canescens
air pollution 9322
ozone 9322
stress 12416
Avena, genomes 4573
bacteria, reviews 11138
books 5501, 8954, 12071, 13060
Brassica
kohlrabi, cauliflower mosaic caulimovirus 6104
self incompatibility 9664
Brassica alboglabra, self incompatibility 7286
Brassica campestris, self incompatibility 7286
Brassica napus
rape
antigens 12720
cytoplasmic male sterility 7456
napin 2739
nitrate reductase 2738
seeds 2739
self incompatibility 1777
Brassica oleracea, kale, self incompatibility 7286
Brassica pekinensis
anthers 10575
stomata 9529
cellulose 3174
cereals 9086
Cicer arietinum 6067
chitinase 503
legumin 502
cold resistance 1165
computer programming 12116
conferences 3140
crops 4372
books 11120
pathogens 7780, 7786
phylogeny 7866
ribosomal RNA 7866
self incompatibility 1240
Cucurbita, isocitrate lyase 6160
cyclins 4371
Cynodon dactylon, variety classification 5962
cytochrome-*c* oxidase 11162
databases 12116
development 8961, 8978
diseases 1166, 12093-12094
reviews 11137
DNA helicase, reviews 7802
drought resistance 1165, 4363, 6605
evolution 7770, 8985, 9982, 10015, 11162
reviews 12113
Fagopyrum
ribulose-bisphosphate carboxylase 3639
taxonomy 3639
Festuca, ribosomal DNA 10350

Molecular genetics *cont.*
Festuca arundinacea, ribosomal DNA 10350
Flaveria bidentis, transferases 11014
Flaveria chloraefolia, transferases 11014
fodder legumes, tannins 3649
genetic resources 7805
genomes 11147
Glycine max 459, 4816, 10399
aspartic proteinases 12464
atrazine 9422
calmodulin 9383
β-glucan 11543
herbicides 9422
photosynthesis 9422
Phytophthora sojae 11543
protein kinase 9383
Gossypium, databases 8716
Gossypium arboreum, cadinene synthase 4136
Gossypium hirsutum
abscission 2873
ribulose-bisphosphate carboxylase activase 2884
grasses, self incompatibility 10360
growth regulators, reviews 9082, 9922
Hordeum vulgare 6626
cold resistance 1329
drought resistance 1329
Erysiphe graminis 9175
phenylalanine ammonia-lyase 5681
quantitative traits 11302
Rhynchosporium secalis 4563
isoprenoids 4451
Kalanchoe daigremontiana, photosynthesis 9866
Lactuca 12588
taxonomy 3847
Lentinula edodes, phylogeny 3135
light, reviews 9922
Lilium longiflorum, synaptonemal complex 11035
Limnanthes douglasii, acyltransferases 6297
Linum usitatissimum, flax, *Melampsora lini* 9774
Lycopersicon, male sterility 6136
Lycopersicon esculentum
chorismate synthase 1650
DNA binding proteins 9550
heat 9568
heat shock proteins 3860, 9550
isoenzymes 1650
lipoxygenase 9557
microsatellites 5004
protein kinase 5039-5040
Pseudomonas syringae 5038-5040, 6143
ripening 9557
tomato mosaic tobamovirus 10606
variety classification 5004
Malus pumila, quality 3933
Manihot esculenta 12078
starch 12563
Medicago sativa
cold resistance 3681
drought resistance 3681
nodulation 11497
Rhizobium 11497
Mesembryanthemum crystallinum
cells 5442
photosynthesis 9866
messenger RNA 8985
Musa 12682
repetitive DNA 6215
naringenin-chalcone synthase 12113
Nicotiana tabacum 4901, 6319, 7565, 10849
cell division 10854
chitinase 6331
cyclins 10854
Glomus intraradices 6331
nopaline synthase 901
photosynthesis 2833
proteins 1852
salinity 4125
transposable elements 906
nomenclature 2055, 4371
Orchidaceae, phylogeny 13016
Orchis, phylogeny 13016

Molecular genetics *cont.*
ornamental plants
books 3148
development 3028
habit 3028
reviews 2992
self incompatibility 2993
variety classification 2995, 11985
viruses 3002
Oryza sativa 346, 4673
allergens 2313
cytoplasmic male sterility 4698
Magnaporthe grisea 4743
male sterility 11412
pyruvate decarboxylase 5879
temperature 11412
Pachyrhizus 9924
pathogens 7787
Petunia hybrida, protein kinase 9001
Phalaris coerulescens, self incompatibility 10360
Phaseolus vulgaris 12078
phaseolin 7169
phenotypes 4367
photosynthesis, books 2021
phylogeny 9075
reviews 4447
phytochrome 9945, 9982
Picea abies, Pythium dimorphum 12905
Pinus banksiana, stress 11965
Pinus sylvestris, glutamate synthase 12894
Pinus taeda 12892
Pisum sativum
DNA binding proteins 3748
DNA polymerase 3748
gibberellins 3751
glyceraldehyde-3-phosphate dehydrogenase 2460
glycoproteins 2459
growth regulators 3751
nodulation 2459
photosynthesis 8318
Poaceae 10026
evolution 8987
polygalacturonase 12094
Populus, insects 2946
Populus nigra
growth regulators 4168
zeatin 4168
Populus trichocarpa, flowering 12872
Prunus persica 6195
Pseudotsuga menziesii, phylogeny 1027
Quercus suber 966
reviews 12111
ribulose-bisphosphate carboxylase 10015, 12113
Secale, repetitive DNA 10130
senescence 8970-8971
sex 9066
Solanaceae, self incompatibility 3262
Solanum tuberosum 4901
cytochromes 2460
UTP-glucose-1-phosphate uridylyltransferase 9502
Sorghum bicolor, alcohol dehydrogenase 4627
Spirulina platensis 8933
starch, reviews 2056
statistics 12115
stress 2038
techniques 5528
books 9914, 11116
telomeres 5583
translocation 1252-1253
transposable elements 4386, 5594
Trifolium repens, insects 3685
Tripsacum, phylogeny 1375
Triticeae, phylogeny 7875
Triticum aestivum
DNA polymerase 1278
quality 2139, 3342
ribosomes 9112
viruses 7793, 11140, 12101
Vitis vinifera
β-fructofuranosidase 2699
ripening 2699
Washingtonia robusta, alcohol dehydrogenase 3022
waxes 32
Zea, phylogeny 1375

Molecular genetics *cont.*
Zea mays 244, 2254, 3188, 5720, 10146-10148, 10154, 10156
acetyl-CoA carboxylase 5717, 5795
alcohol dehydrogenase 5821
calcium 8963
DNA binding proteins 5707, 10160
DNA repair 10181
endosperm 5776, 5821
evolution 10241
β-fructofuranosidase 1363
malic enzyme 10150
protein kinase 9200
proteins 5712, 11332
repetitive DNA 5722
retinoblastoma 9190
RNA polymerase 10151
stress 8963
sucrose synthase 1363
transposable elements 246, 2249, 4591-4592, 5729, 8076, 8078-8079
waxes 9222
Zinnia elegans, xylem 12996
Molybdenum, *Hordeum vulgare*, mutations 4560
Molybdenum cofactor
Lycopersicon esculentum
gene expression 10592
gene mapping 10592
nucleotide sequences 10592
Oryza sativa
genetics 5904
mutations 5904
Momordica charantia
Bactrocera cucurbitae 10633
epistasis, *Bactrocera cucurbitae* 1714
genetic resources 2657
genetics, *Bactrocera cucurbitae* 1714
hybrid varieties 10630
Pseudoperonospora cubensis 10632
yield components 10632-10633
zucchini yellow mosaic potyvirus 10632
varieties, Xiang Kugua-1 10630
Momordica cochinchinensis, chromosome morphology 2659
Monanthes
chloroplast genetics, taxonomy 7708
random amplified polymorphic DNA, taxonomy 7708
Monilia *(see also Monilinia)*
Prunus cerasus 7379, 11735
Monilinia, *Prunus* 5095
Monilinia laxa, *Prunus armeniaca* 730-731
Monochamus urussovii, *Abies sibirica* 1906
Monocladus, taxonomy 2003
Monoclonal antibodies
Nicotiana tabacum
cell culture 7582
genetic transformation 7582
Monocotyledons, chromosome number 9063
Monodehydroascorbate reductase, *Zea mays* 11363
Monogerm seeds
Beta vulgaris
fodder beet 2517
genetics 2516
multiple alleles 2516
sugarbeet 5224, 7543, 8677
artificial selection 5226
genetics 5225
modifiers 5225
Monographella albescens, *Oryza sativa* 388
Monographella nivalis
cereals 12213
triticale 6898
Triticum aestivum 4527-4528, 4530-4531
Triticum durum 173
Monoploidy (*see* Haploidy)
Monosaccharides
Arabidopsis thaliana
genetics 12149
mutations 12149
Monosomic analysis (*see* Gene location)
Monosomics (*see* Aneuploidy)
Monoterpenes
Mentha piperita, somaclonal variation 3125
Pinus greggii 2971
Morchella conica, nucleotide sequences 8929
Morchella esculenta, nucleotide sequences 8929
Moricandia arvensis, genetic transformation 822
Moricandia* × *Brassica, intergeneric hybridization 7446
Moricandia* (×) *Brassica, protoplast fusion 4037
Moricandia* × *Diplotaxis, intergeneric hybridization 578
Moricandia* × *Raphanus, intergeneric hybridization 4940
Morinda citrifolia, cell culture 1860
Morphine, *Papaver somniferum* 5461
Morphology
Arabidopsis thaliana, mutations 68
Biserrula pelecinus, multivariate analysis 10392
Brassica alboglabra 1620
Brassica napus, rape, chimaeras 5182
Brassica oleracea
broccoli 1619
cauliflowers 1619
Brownleea 9861
Camellia sinensis 2823
Cicer 11570
Euphorbia lagascae, induced mutations 5207
Glycine max
induced mutations 3706
natural selection 8253
Helleborus odorus 1959
Hordeum vulgare, induced mutations 3370
Hordeum × *Triticum*
genetic markers 12208
genetics 12208
Iris pumila 4278
Lolium perenne 8207
Nicotiana tabacum, mutations 9733
ornamental plants, genetic engineering 2994
Oryza sativa 5942
multivariate analysis 3607
Populus mexicana, multivariate analysis 8787
Populus tremula, genetic transformation 11935
Populus tremuloides, genetic transformation 11935
Prunus avium, multivariate analysis 11725
Secale, multivariate analysis 12301
Sesamum indicum, multivariate analysis 2773
Sesbania sesban, multivariate analysis 448
Sorghum bicolor 1384
multivariate analysis 8112
Sorghum sudanense, multivariate analysis 8112
Stylosanthes 417
Stylosanthes scabra 417
Trifolium repens 1465
Triticum aestivum, multivariate analysis 11233
Vigna, heterosis 2474
Vigna mungo, induced mutations 10511
Zea mays
genetic markers 10203
genetics 10217, 10244
inbreeding depression 5785
popcorn 8067
Zinnia elegans, induced mutations 12983
Morus
Batocera rufomaculata 3990
Bombyx mori 784, 9620
breeding 784
Cercospora moricola 9622
Cerotelium fici 9622
fruits 786
genetic resources 3989
irrigation 10712
leaves 784
nutritive value 784
polyploidy 786
Spilarctia obliqua 788
taxonomy 8514
transpiration 10712
variety trials 9620
Morus alba
amino acids 10713
drought resistance 10713
leaves 785
polyploidy 785
quality 9621
tissue culture 787
varieties, Xuan-792 5137
Morus australis, tissue culture 1743
Morus bombycis
interspecific hybridization 10711
protoplast fusion 10711
Morus indica
interspecific hybridization 10711
protoplast fusion 10711
regenerative ability 11762
Morus laevigata, genetic resources 11761
Morus multicaulis
interspecific hybridization 10711
protoplast fusion 10711
Morus nigra, quality 9621
Morus sinensis, regenerative ability 11762
Mulching
Dioscorea alata 11618
Zea mays 11358
Multiline varieties (*see also* Composite varieties; Genotype mixtures)
Multiple alleles
Beta vulgaris, fodder beet, monogerm seeds 2516
Brassica oleracea
glucose-6-phosphate isomerase 1610
isoenzymes 1610
phosphoglucomutase 1610
Solanum tuberosum, UTP-glucose-1-phosphate uridylyltransferase 9502
Multiple genes
Clarkia mildrediae
glucose-6-phosphate isomerase 9837
isoenzymes 9837
Multipurpose trees, genetic resources, books 1144
Multivariate analysis
Abelmoschus esculentus, yield components 10634-10635
Allium cepa 4951
quantitative traits 6109
Arachis hypogaea 10809
yield components 10812
Avena sativa 8052
Biserrula pelecinus, morphology 10392
Brassica campestris, toria, yield components 2740
Cajanus cajan, yield components 9476
Celosia
proteins 8850
seeds 8850
Ceratonia siliqua
fruits 1754
seeds 1754
Cicer arietinum, yield components 7186, 7189, 8331
Cimicifuga foetida 5462
Colocasia esculenta, yield components 12572
computer programming 7853
Cucumis melo 8450
Cucumis sativus 8450
isoenzymes 1708
Cynara scolymus, yield components 2560
Eleusine coracana, mutations 1393
Eragrostis tef 7092
Eucalyptus grandis 10899
Eucalyptus urophylla 10899
Fagopyrum esculentum, yield components 8184
Glycine max
chlorophyll 8269
fatty acids 2426
yield components 2422
Gossypium, growth period 7596
Gossypium barbadense, yield components 10875
Gossypium hirsutum
Fusarium oxysporum 7602
yield components 7602, 10875
Hibiscus, yield components 12845
Hibiscus cannabinus, yield components 12845
Hordeum spontaneum, yield components 5663

Multivariate analysis *cont.*
Hordeum vulgare 8029
yield components 5663
hybridization 2107
Lathyrus sativus, yield components 9361
Lens, phylogeny 8327
Linum usitatissimum, linseed, yield components 4055
Litchi chinensis, fruits 8525
Lolium, taxonomy 5955
Lolium perenne 1432
Lycopersicon esculentum
growth period 1656
yield components 6135
Malus, drought resistance 1723
Mentha piperita, oils 6547
Oryza sativa 4660
Magnaporthe grisea 392
morphology 3607
yield components 4719, 7050, 9302, 11421, 11425
Papaver somniferum, yield components 7720, 13029
Pennisetum glaucum 6991
Phaseolus vulgaris, quantitative traits 3736
Pinus gerardiana, yield components 4193
Pleurotus ostreatus
genetic distance 3133
isoenzymes 3133
Populus mexicana, morphology 8787
Prunus avium, morphology 11725
Rosa, taxonomy 12967
Saccharum, yield components 2784, 5213
Saccharum robustum, yield components 7534
Secale, morphology 12301
Sesamum indicum
genetic resources 1827
morphology 2773
yield components 12772
Sesbania sesban
morphology 448
yield components 447
Solanum melongena, yield components 5048
Solanum sessiliflorum 4011
genetic resources 8538
Sorghum bicolor, morphology 8112
Sorghum sudanense, morphology 8112
taxonomy 3281
Tectona grandis, quantitative traits 11953
Theobroma cacao 9713
yield components 6316
triticale, yield components 2239, 6872
Triticum, yield components 9131
Triticum aestivum
morphology 11233
quality 2175, 9139
yield components 2161, 4493, 6734, 7964, 7966, 9128
Triticum dicoccoides, yield components 10056
Triticum dicoccum, quality 2172
Triticum durum
quality 2172
yield components 7959, 12239
Triticum spelta, quality 2172
Vigna 8354
Vigna mungo 10512
yield components 1552, 10517
Vigna radiata, yield components 10517
Vigna umbellata, yield components 2477, 8357, 12529
Vitis vinifera, phenolic compounds 6207
Zea mays
quantitative traits 5761
statistics 11329
yield components 8094
Ziziphus sativa, quantitative traits 2727
Mung bean yellow mosaic bigeminivirus, *Glycine max,* genetic markers 8289
Musa
artificial selection
growth period 6214
height 5139
banana bunchy top nanavirus 2711
benzyladenine 8518
breeding 790, 8519, 9625, 10720-10723, 11766
Musa cont.
breeding *cont.*
conferences 4326
cell division 6216
chromosome aberrations 6217, 7407, 8518
chromosome elimination 7407
chromosome number 6216-6217
Cosmopolites sordidus 2711, 6220, 9634
crop density 9629-9630
cryopreservation 2710, 12685
development 9627
diploidy 10719
female fertility 7405
fertility 3994
Fusarium oxysporum 10719, 10721, 10729-10730, 10732, 11109
gamma radiation 1748, 2707, 5140
gene expression
ACC oxidase 9626, 10726
pectate lyase 12684
ripening 10726, 12684
genetic resources 3993, 5138, 12682
conferences 4326
genetic transformation
diseases 10725
pests 10725
genetics 790
Mycosphaerella fijiensis 12687
unreduced gametes 8517
genotype environment interaction, *Mycosphaerella fijiensis* 12687
growth regulators 8518
Helicotylenchus multicinctus 5142
heritability, *Mycosphaerella fijiensis* 12687
hybridization 7405
in vitro selection
Mycosphaerella fijiensis 7408
Mycosphaerella musicola 11767
induced mutations
growth period 6214
height 1748
leaves 1748, 5140
yield components 2707
linkage
bracts 10728
flowers 10728
Meloidogyne incognita 11769
Meloidogyne javanica 11769
microsatellites, genomes 12683
molecular genetics 12682
repetitive DNA 6215
mutations, fruits 6218
Mycosphaerella fijiensis 6213, 8519, 9631, 9633, 10719, 10721, 10729-10730, 11109, 12686
Mycosphaerella musicola 2711, 6219
Nematoda 6220, 8520, 10733-10735, 10737-10738, 11109
nucleotide sequences
ACC oxidase 9626, 10726
pectate lyase 12684
ripening 10726, 12684
nutrients 3995
phosphorus 3995
physiology 9627
pollen 3994
polymerase chain reaction, repetitive DNA 6215
polyploidy 10720, 11766
Pratylenchus coffeae 11768
Radopholus similis 2711, 5141-5142, 10721, 10729-10730, 10733, 10736-10737, 11768
random amplified polymorphic DNA, height 7404
recombination
bracts 10728
flowers 10728
regenerative ability 9628
roots 5141
somaclonal variation 2709, 7407
cell division 7406, 8518
Fusarium oxysporum 10731
height 5139, 7404
Mycosphaerella musicola 9632
storage, seeds 10727
tissue culture 2708, 2710, 5140, 9628, 10723
variety trials 6212-6213, 10724
Musa cont.
varieties
FHIA01 8516
Goldfinger 8516, 10732
Novaria 6214
Mutagens
Arabidopsis thaliana 2105, 4420, 4910, 9023, 9040
Arachis hypogaea 6285, 9688
Brassica napus, rape 12737
Brassica oleracea, cauliflowers 1630
Cajanus cajan 9467, 9472
Cannabis sativa 2911
Capsicum annuum 7330
Clitoria ternatea 11018
Cucumis sativus 1710
Eleusine coracana 6995, 8125
Euphorbia lagascae 5207
Eustoma grandiflorum 5406
Glycine max 3706, 3714
Guizotia abyssinica 8612
Hamatocactus setispinus 3109
Helianthus annuus 2757, 7491, 12743
Hordeum vulgare 200-201, 204, 2212-2213, 5667, 5669, 6785, 8019
Lens culinaris 5998
Linum usitatissimum
flax 11912
linseed 8586
Macroptilium atropurpureum 8246
Medicago truncatula 5980
Nigella sativa 9885
Oryza sativa 362, 1406, 4689, 4707, 4713, 8145, 9290, 9299, 10318, 11431
Papaver somniferum, statistics 13023
Petunia hybrida 3071-3072
Phaseolus vulgaris 8303, 12488
Pisum sativum 1525, 5998, 10468
Pyrus pyrifolia 5092
Saccharum officinarum 5215
Solanum nigrum 3111
Solanum sisymbriifolium 8370
Solanum tuberosum 540, 7221
Tradescantia 1097
triticale 8065
Triticum aestivum 1279, 5624, 10063
Vicia faba 8294, 10445, 12481
Vigna mungo 525, 8356, 10510-10511
Zea mays 5764, 5778, 8087, 10169-10170, 10174, 10201, 10208
Mutations (*see also* Chromosome aberrations; Induced mutations)
Actinidia deliciosa 5131
Amaranthus edulis, photorespiration 9317
Antirrhinum
development 7685
flowers 7685
Antirrhinum majus, chloroplasts 1071
Arabidopsis, development 9983
Arabidopsis thaliana 9006, 11169
abscisic acid 73, 2096, 3242, 5566, 7836-7837, 9014, 9027, 9029, 9082
Agrobacterium tumefaciens 11152
air pollution 83
amino acids 9041
β-amylase 7832, 12133
anthocyanins 7832
ascorbic acid 83
aspartate kinase 12139
auxins 3218, 3234, 4429, 5553, 9026, 11187
azetidine-2-carboxylic acid 3223
brassinosteroids 3228, 9081
cell division 2098, 9005
cells 11191
chlorate 6649
chlorophyll 5546, 9024
chloroplasts 81, 2098, 9011
cold resistance 5567
colour 5555
cytokinins 9019
death 6630, 11191
dehydration 9018
development 68, 77, 1211, 1217, 1219, 3218, 3222, 3230, 4407-4409, 4414, 6631, 7835, 7838, 9011, 9017, 9026, 9034, 9974, 9976, 11179, 12136, 12143
diseases 45

Mutations *cont.*
Arabidopsis thaliana cont.
DNA methylation 3233
drought resistance 4428-4429
embryology 1214
endosperm 2094
ethylene 1206, 9033, 9036, 9974
farnesyl-diphosphate farnesyltransferase 41
fatty acids 9047, 11180
flavonols 4404
flowering 1216, 2097, 6656, 7835, 9973, 9987-9988
flowers 1194, 1219, 5561, 6650, 7833, 7838, 12124
fucose 1210
fusicoccin 12154-12155
gibberellins 6655, 9017
glucose-1-phosphate adenylyltransferase 8998
glutamate-ammonia ligase 12135
growth period 4410
growth regulators 2096, 3218, 3225, 3230, 3242, 4428, 5553, 6655, 7836-7837, 9014, 9017, 9019, 9026-9027, 9029, 9033, 9036, 9082, 9974, 11187
habit 4410
heat shock proteins 3242
height 4410, 5552
herbicides 6649
IAA 3225, 3230
inflorescences 6631
ion transport 70
iron 2099
jasmonic acid 2095
leaves 12142
light 3224, 3240, 4411
lipid transfer proteins 1214
lysine 12139
male sterility 4403, 7830
manganese 3241
meiosis 12130
metals 3241
methyl jasmonate 9051
monosaccharides 12149
morphology 68
naringenin-chalcone synthase 79, 4404, 4406, 9986
nitrate reductase 6649, 9016
nitrates 3221, 6657, 9028
nutrients 2099, 3221, 5566, 6657, 9028, 9046
ozone 83
pathogenesis-related proteins 5570, 7844
phosphoglucomutase 5562
phosphoribosylanthranilate transferase 6654
phosphorus 5566
photoperiodism 74, 3237
photorespiration 12135
photosynthesis 66, 1218, 5546, 9013, 9047
phytochrome 2101, 4406, 4409-4411, 9025, 9043, 9976, 9984, 10024
plant embryos 1214, 4407-4408, 4414
plant hairs 7841
pollen 12130
polyamines 9030
proline 3223
protein kinase 9033
protein phosphatase 9027
Pseudomonas syringae 7844, 11193-11194
ribulose-bisphosphate carboxylase activase 9013
roots 5550, 9010, 9980, 11177, 12140
salicylic acid 11135, 11194
salinity 84, 9046, 12152
seedlings 6649
seeds 5555, 5561, 9034
self pollination 4404
sinapic acid 9012
size 11180
sodium 9046
starch 11185
stomata 5562
stress 83
synaptonemal complex 7830
toxic substances 12154-12155

Mutations *cont.*
Arabidopsis thaliana cont.
translocation 9028
transposable elements 7824
tropisms 3226, 11177, 11185-11187
tryptophan 3219
tryptophan synthase 4416
variegation 81
vascular system 12142
vernalization 71
xanthophyll 1218
Avena sativa, size 1339
Beta vulgaris
beetroots
gibberellins 10567
growth regulators 10567
height 10567
Brassica 824
Brassica campestris
light 10770
phytochrome 10770
Brassica napus
fruits 5177
seeds 5177
rape
cold 9670
lipids 9670
Calopogon tuberosus, flowers 11042
Carthamus tinctorius
height 12746
male sterility 12746
Citrus sinensis 11770
chlorophyll 11775
variegation 11775
Coprinus cinereus, nutrients 2005
crops, pathogens 7780
Cucumis melo
chlorosis 3900
iron 3900
nutrients 3900
Cuphea viscosissima
decanoic acid 8614
fatty acids 8614
cytokinins 12190
cytology 10007
development 3258, 4402, 10023
reviews 12195
Dioscorea batatas, tubers 7248
diseases 8965
Doritis pulcherrima, colour 13015
Eleusine coracana
chlorophyll 10283
multivariate analysis 1393
ethylene 3168, 12191
Festuca pratensis, chlorophyll 7082
flavonoids 1191
fodder legumes, tannins 3649
gibberellins 12187
Glycine max
atrazine 9422
chlorophyll 11528
colour 10417
fasciation 10420
fertility 2419
flowers 10417
fluorescence 10416
height 12467
herbicides 9422
internodes 9385
isoenzymes 12465, 12471
lectins 10410
linolenic acid 7149
lipoxygenase 2424, 12465, 12471
male sterility 7139
naringenin-chalcone synthase 463
necroses 8291
nodulation 1502, 9400, 11532
oleic acid 1500
photosynthesis 9422, 11528
Phytophthora sojae 4842
roots 10416
seeds 463
source sink relations 11532
stems 9385, 12467
sterility 10406
Gossypium hirsutum
fuzz 12835
height 937
quantitative traits 2877
growth regulators 3168, 10023, 12187, 12190-12191, 12196

Mutations *cont.*
Helianthus annuus, chlorophyll 849
Hibiscus rosa-sinensis, flowers 10999
Hordeum vulgare
abscisic acid 3374
amino acids 3372
α-amylase 9165
chlorophyll 198, 2216, 6789
flavonoids 11319
fungi 12293-12294
Fusarium 11319
germination 3374
Gibberella zeae 11319
glycine decarboxylase 11311
growth regulators 3374, 9165
inflorescences 198, 3372
leaves 6787
lysine 5678
magnesium chelatase 6789
molybdenum 4560
nitrate reductase 4560
photorespiration 3377
photosynthesis 3373, 10105, 11311
salinity 8036, 10116
seeds 9165
starch 207
leaves 1254
Linum usitatissimum, flax, *Melampsora lini* 9774
Lolium perenne, senescence 9328
Lolium temulentum, cell division 9325
Lycopersicon esculentum
abscisic acid 3290, 3877, 6137, 9552, 9559
anthocyanins 9560, 10598
chlorophyll 2575
chloroplasts 593
development 3866, 9554, 10601
ethylene 1206
Fe(III)-chelate reductase 105
fertility 7312
flowers 3866
fruits 3870
germination 10598
gibberellic acid 6137, 9552
β-glucanase 5011
growth regulators 3290, 3877, 6137, 9552, 9559
height 12604
IAA 3877
insects 3886
iron 2573
light 9554, 9560
meiosis 7312
nicotianamine 2573
nutrients 2573
phytochrome 1654, 2577, 5015, 9554, 10024, 10600-10601
ripening 602, 1657, 3870, 5011
stems 12604
ultraviolet radiation 611
Malus pumila 655
colour 10659
fruits 661, 10659
quality 661
Medicago sativa
development 7098
nodulation 12440
Rhizobium 12440
Musa, fruits 6218
Nicotiana sylvestris
cytoplasmic male sterility 9725
β-glucanase 927
photosynthesis 5245
starch 5245
Nicotiana tabacum
cold 9733
colour 2843
enzymes 2843
β-glucanase 927
morphology 9733
nitrate reductase 8696
nitrogen 9742
nutrients 9742
root shoot ratio 8696
Orchidaceae, flowers 11042
Oryza sativa 10313
chlorophyll 4726
endosperm 11419
fertility 4726
fertilization 3592

Mutations *cont.*
Oryza sativa cont.
gibberellic acid 7035
height 4726, 7035
lysine 10330, 12394
molybdenum cofactor 5904
proteins 12394
roots 2333, 4711
starch 11419
Pennisetum glaucum
apomixis 12349
development 12349
hydroxycinnamic acid 111
lignin 111
Petunia, anthocyanins 6487
Petunia hybrida
development 9849
habit 3072
seeds 9849
Phacelia dubia
flowers 6471
gynoecium 6471
Phalaenopsis violacea, colour 13015
phytochrome 2116
Pinus taeda
cinnamyl-alcohol dehydrogenase 11958, 12898
lignin 11958, 12898
Pisum sativum
amylopectin 12507
amylose 12507
brassinosteroids 8317, 9081
chlorophyll 3753
development 2461
Fe(III)-chelate reductase 105
flowers 12503
gibberellins 2461
growth regulators 2461
habit 6058
height 8317
kaurene synthase 7177
leaves 7178, 12503
light 2461
nitrogen fixation 9445
photosynthesis 3753
phytochrome 10024
Rhizobium 11568
roots 6058
seeds 12105
starch branching enzyme 4870
symbiosis 11568
tropisms 10466
zeatin riboside 6058
Pleurotus florida
laccase 2006
lignin 2006
Prunus persica, leaves 3957
Pyrus communis
Cacopsylla pyri 11681
polyploidy 6181
Pyrus pyrifolia, self compatibility 666-667
roots 4402
Rosa 1940
Santolina rosmarinifolia, leaves 3014
Secale cereale
endosperm 12300
ligules 12300
meiosis 3405
waxes 12300
sex 4440
shade 9936
Solanum phureja
abscisic acid 3290
growth regulators 3290
Solanum tuberosum
amylose 1575
meiosis 12202
Sorghum bicolor
hydroxycinnamic acid 111
lignin 111
photoperiodism 9265
statistics 1224
Tradescantia, plant hairs 1098
Tripsacum dactyloides, female fertility 9210
Tripsacum × *Zea*, female fertility 9210
Triticum aestivum
chlorophyll 3323
cold resistance 5643
height 3332

Mutations *cont.*
Triticum aestivum cont.
proline 5643
starch synthase 12253
Vicia faba
glucosides 6033
height 478
Vigna unguiculata
leaves 8347
sterility 3775
Vitis vinifera
anthocyanins 6206
colour 5125
fruits 5125
waxes 32
Zea mays 280, 10161
abnormal development 10222
abscisic acid 9082, 10200
anthers 9206, 10205
anthocyanins 5788
aspartate kinase 5817
books 11113
branching 5767
cell division 9206
chlorophyll 9235
chloroplasts 1365
colour 5780, 5797, 5799, 9235, 9256, 10216, 10223
databases 10171
development 278, 2270, 3465, 4606, 5765, 5779, 5792, 6936, 8086, 9217, 9227-9228, 10205, 12322, 12324
DNA 9206
embryo sac 9203
endosperm 3463, 5788, 5791, 5812, 10213, 10224, 10236-10237
enzymes 9220
flavonoids 250
flowers 3465, 9227
fluorescence 5771
germination 5762
globulins 4608
growth regulators 9082, 10200
habit 5758, 5796
height 5811, 10212
hermaphroditism 10195
hydroxycinnamic acid 111
inflorescences 9221, 10222, 11343
iron 3491
leaves 239, 275, 1254, 2270, 5758, 5771, 5773-5774, 5783, 8086, 9228, 9232, 9235, 9237, 10207, 10211, 10214, 12142, 12322, 12324
lignin 111, 6927, 10202
ligules 6935
lysine 5812
male sterility 5811, 6926, 9214, 9217
meiosis 262
necroses 9256
nutrients 3491
photosynthesis 1365
plant composition 12321
plant embryos 278, 5779, 5792, 5798
plant hairs 5763
pollen 9217
Puccinia sorghi 307
receptor kinases 239
roots 2268, 5782
seeds 5758, 5778, 5781, 10216
starch 291, 9220, 12329
starch synthase 5768, 11352
stomata 2264
sucrose 275
sucrose synthase 10206
synaptonemal complex 4597
transposable elements 4589, 5771
ultrastructure 5791
variegation 4605
vascular system 275, 12142
vigour 3463
vivipary 9208, 12321
waxes 9222, 9232
zein 4589, 5817, 9225, 10236
zinc 3491
Mycorrhizas
genetics 2117
Hordeum vulgare, gene expression 8025
Malus pumila 660
Malus toringo 660

Mycorrhizas *cont.*
Medicago truncatula, gene expression 10370
Olea europaea 12754
Populus tremula, genetic transformation 11934
Populus tremuloides, genetic transformation 11934
Trifolium repens 1468
Mycosphaerella *(see also Didymella)*
Mycosphaerella angulata**, *Vitis rotundifolia*** 11757
Mycosphaerella berkeleyi
Arachis cardenasii 6284
Arachis hypogaea 6267, 6280, 6283-6284, 6286, 7510, 11838
heritability 8609
induced mutations 6285
Mycosphaerella fijiensis
Musa 6213, 8519, 9631, 9633, 10719, 10721, 10729-10730, 11109, 12686
genetics 12687
genotype environment interaction 12687
heritability 12687
in vitro selection 7408
Mycosphaerella graminicola
Secale cereale 3295
triticale 3295
Triticum 3295
Triticum aestivum 1298, 5648
genetics 175
Triticum durum 2196
Mycosphaerella musicola
Musa 2711, 6219
in vitro selection 11767
somaclonal variation 9632
Mycosphaerella pinodes**, *Pisum sativum*** 10471
Mycosphaerella populorum**, *Populus*** 10923
Mycotoxins
Arachis hypogaea 8608
Hordeum vulgare 8038
Triticum aestivum 2174
Zea mays 5831, 11364
***Myo*-inositol-1-phosphate synthase**, *Oryza sativa* 3626
***Myo*-inositol-3-phosphate synthase**, *Arabidopsis thaliana*, genetic transformation 7817
Myosins
Arabidopsis thaliana
gene expression 53
nucleotide sequences 53
nucleotide sequences 6619
polymerase chain reaction 6619
Myristica, taxonomy 11076
Myristica fragrans
gene expression
esterases 12200
fatty acids 12200
nucleotide sequences
esterases 12200
fatty acids 12200
Myrothecium roridum**, *Glycine max*** 2436
Myrtillocactus geometrizans
chromosome morphology 2724
meiosis 2724
Myzus persicae**, *Brassica*** 10582
NADH dehydrogenase
angiosperms
chloroplast genetics 3277
evolution 3277
Brassica napus, rape, mitochondrial genetics 9658
gene expression 11218
gymnosperms
chloroplast genetics 3277
evolution 3277
nucleotide sequences 11218
Orchidaceae
chloroplast genetics 1977
nucleotide sequences 1977
Oryza sativa
gene expression 353
mitochondrial genetics 353
Solanum tuberosum, genetic transformation 11599
Triticum aestivum
gene expression 3310
mitochondrial genetics 3310

NADH dehydrogenase (ubiquinone)
Arabidopsis thaliana
gene expression 1251
nucleotide sequences 1251
Solanum tuberosum
gene expression 1251
nucleotide sequences 1251
Zea mays, mitochondrial genetics 9194
NAD(P)H dehydrogenase
Arabidopsis thaliana
cytoplasmic inheritance 9970
gene mapping 9970
nucleotide sequences 9970
Lupinus luteus
gene expression 12449
nucleotide sequences 12449
NAD(P)H-dependent oxidoreductases
Solanum tuberosum
gene expression 8377
nucleotide sequences 8377
Naked grain
Avena sativa 4576
genetics 224
Hordeum vulgare 10111
natural selection 10108
Napin
Brassica napus
rape
gene expression 821, 5172
genetic transformation 821
molecular genetics 2739
Nicotiana tabacum
gene expression 4124
genetic transformation 4124, 5172
Narcissus
evolution 1971
polyploidy 1971
Narcissus libarensis, taxonomy 11033
Narcissus pseudonarcissus
gene expression, phytoene synthase 3076
genetic engineering, phytoene synthase 9305
Narcissus triandrus, heterostyly 5424
Naringenin-chalcone synthase
Arabidopsis thaliana
gene expression 1213, 4406, 5557, 9986
mutations 79, 4404, 4406, 9986
Eustoma grandiflorum, genetic transformation 6473
gene expression 9946
Gerbera hybrida, nucleotide sequences 7672
Glycine max
gene expression 463
mutations 463
Juglans
gene expression 12712
genetic transformation 12712
Juglans nigra, genetic transformation 12713
Juglans regia, genetic transformation 12713
Lycopersicon esculentum, gene expression 5012
molecular genetics 12113
Nicotiana tabacum
gene expression 3728, 9430, 11554
genetic transformation 9430, 11554
Oryza sativa
gene mapping 3584
nucleotide sequences 12362
restriction fragment length polymorphism 3584
Pelargonium, restriction fragment length polymorphism 10997
Petunia, genetic engineering 12877
Petunia hybrida
gene expression 5413, 12008
genetic engineering 12008
genetic transformation 1079, 5413
Pharbitis nil
gene expression 12995
nucleotide sequences 12995
Pharbitis purpurea
evolution 11017
gene expression 12995
nucleotide sequences 11017, 12995
Phaseolus vulgaris
gene expression 3728, 9430, 11554
Naringenin-chalcone synthase *cont.*
Phaseolus vulgaris cont.
genetic engineering 3728, 9430, 11554
Pisum sativum, gene expression 7181
Populus, genetic transformation 12877
Pueraria lobata, nucleotide sequences 4810
Rosa
gene expression 12953
genetic transformation 12953
Solanum tuberosum
gene expression 4909
nucleotide sequences 7218
Sorghum bicolor, gene expression 5856
Trifolium subterraneum
gene expression 8233
genetic transformation 8233
Zea mays, genetic engineering 5784
Naringenin 3-dioxygenase
Arabidopsis thaliana
gene expression 2081
gene location 2081
Nassella, taxonomy 11490
Natural selection 9072
Allium vineale, competitive ability 569
Artemisia tridentata 8190
Brassica campestris
Phyllotreta cruciferae 841
Plutella xylostella 841
chloroplast genetics 8986
Dimorphotheca sinuata, ultraviolet radiation 4269
Eucalyptus regnans, self pollination 10901
Glycine max
morphology 8253
quantitative traits 8253
Hippophae rhamnoides 789
Hordeum vulgare
hordein 10108
inflorescences 10108
naked grain 10108
Ipomopsis aggregata
flowers 12990
pollination 12990
Ipomopsis tenuituba
flowers 12990
pollination 12990
Medicago truncatula 8230
nucleotide sequences 8986
Physalis crassifolia, self incompatibility 6531
pollen 3271
reviews 4446
shade 9936
Silene latifolia, sex 1062
Solanum carolinense, self incompatibility 6531
Trifolium repens
cyanogens 10378
sex 10378
Zea mays 5823
Necroses
Glycine max
genetics 10436
linkage 10437
mutations 8291
Hordeum vulgare 4554
Zea mays
gene mapping 9255
mutations 9256
Nectar
Ceratonia siliqua 2725
Ipomopsis aggregata 7681
Ipomopsis tenuituba 7681
Prunus armeniaca 699, 710
Nectaries
Prunus armeniaca 698
Prunus avium 11712, 11720
Prunus cerasus 11712
Vicia 4794
Nelumbo
breeding 2513
chemotaxonomy 10568
Nelumbo nucifera, rhizomes 4945
Nematoda 2052
artificial selection 12103
genetic transformation 12103
Glycine max 6026
Nematoda *cont.*
Musa 6220, 8520, 10733-10735, 10737-10738, 11109
Neoaliturus haematoceps, *Sesamum indicum* 865
Neodypsis decaryi, pollination 11948
Neofinetia richardsiana, taxonomy 8885
Neovossia *(see Tilletia)*
Nepenthes
cytology 13019
taxonomy 11056
Nepeta racemosa
gene expression, cytochromes 8926
nucleotide sequences, cytochromes 8926
Nephelium *(see also Dimocarpus; Litchi)*
genetic variation, isoenzymes 4009
taxonomy 4009
Nephotettix nigropictus, *Oryza sativa* 5941
Nephotettix virescens, *Oryza sativa* 5941
Neptunia, taxonomy 982
Nerine, breeding 4275
Nerine sarniensis, breeding 4275
Neurolepis, taxonomy 11090
Neurotoxins
Lathyrus sativus
genetic variance 9359
genetics 446
stability 9359
Neutron radiation
Arabidopsis thaliana 75
Zea mays 10220-10221
Nezara viridula, *Glycine max* 12477
Nickel
Triticum durum 4510
Zea mays 1378
Nicosulfuron, *Arachis hypogaea* 11842
Nicotiana
amiprofos-methyl 4118
genetic transformation, β-glucanase 905
toxic substances 4118
tubulin 4118
Nicotiana africana
chromosome pairing 4117
interspecific hybridization 4117
Nicotiana alata
gene expression, self incompatibility 8694
genetics, self incompatibility 915
interspecific hybridization 915
self incompatibility 7578
Nicotiana amplexicaulis, interspecific hybridization 10856
Nicotiana benthamiana
cell division 10866
Erysiphe cichoracearum 6797
gene expression
cassava African mosaic bigeminivirus 8704
pepper mild mottle tobamovirus 1862
proteins 2834
tomato yellow leaf curl bigeminivirus 6338
genetic engineering
cowpea mosaic comovirus 6341
tomato spotted wilt tospovirus 12823
tomato yellow leaf curl bigeminivirus 6340
genetic transformation
abscisic acid 11888
artichoke mottled crinkle tombusvirus 12592
beet curly top geminivirus 10866
beet curly top hybrigeminivirus 9758
beet necrotic yellow vein furovirus 4132, 9754
cassava African mosaic bigeminivirus 919, 8704
cowpea chlorotic mottle bromovirus 12824
nutrients 11888
peroxidases 6797
plum pox potyvirus 922, 925
potassium 11888
tomato yellow leaf curl bigeminivirus 6338
vanilla necrosis potyvirus 9755
recombination, cowpea chlorotic mottle bromovirus 12824
Nicotiana clevelandii, gene expression, proteins 2834

Nicotiana edwardsonii
gene expression, figwort mosaic caulimovirus 8685
genetic transformation, figwort mosaic caulimovirus 8685
Nicotiana excelsior, interspecific hybridization 10856
Nicotiana glutinosa
cryopreservation 6670
gene expression
metallothionein 4129
tobacco mosaic tobamovirus 4129
genetics, self incompatibility 915
interspecific hybridization 915, 6670
nucleotide sequences
metallothionein 4129
tobacco mosaic tobamovirus 4129
Nicotiana gossei
DNA hybridization 9724
interspecific hybridization 9724
Nicotiana plumbaginifolia
chromosome addition 7574
chromosome elimination 914
gamma radiation 916
gene expression 7563
chlorophyll *a/b* binding protein 6328
nitrogen 10853
nutrients 10853
superoxide dismutase 4123
genetic engineering, superoxide dismutase 4123
genetic markers 7574
genetic transformation 7563, 9719, 12811
aequorin 903
Agrobacterium tumefaciens 8688
genetics, self incompatibility 915
induced mutations
acetolactate synthase 916
amino acids 916
nitrate reductase 8700
interspecific hybridization 914-915, 7574
nucleotide sequences
chlorophyll *a/b* binding protein 6328
nitrogen 10853
nutrients 10853
polyploidy, pollen 10857
protoplast fusion 914, 4118
restriction fragment length polymorphism 7574
ultraviolet radiation 8700
Nicotiana rustica
DNA hybridization 9724
dominance, quantitative traits 8693
epistasis, quantitative traits 8693
heritability, quantitative traits 8693
interspecific hybridization 2847, 9724, 10856, 12812
protoplast fusion 2847, 12812
random amplified polymorphic DNA 2847
seed production 7581
Nicotiana sylvestris
chromosome addition 7574
gene expression 4116
light 12809
peroxidases 8697
photosynthesis 12809
roots 8697
genetic markers 7574
genetic transformation
β-glucanase 927
peroxidases 8697
roots 8697
interspecific hybridization 7574
mitochondrial genetics 4116, 9723
cytoplasmic male sterility 9725
mutations
cytoplasmic male sterility 9725
β-glucanase 927
photosynthesis 5245
starch 5245
protoplast fusion 4118
restriction fragment length polymorphism 7574
tobacco necrosis necrovirus 927
Nicotiana tabacum
Agrobacterium tumefaciens 11890
aluminium 9641
anther culture 8699
artificial selection
Peronospora tabacina 6335
Nicotiana tabacum *cont.*
artificial selection *cont.*
potato Y potyvirus 6335
quality 2849
yield components 1847
cell culture 1860
monoclonal antibodies 7582
cell division 6056, 11884
chlorophyll 9747
chloroplast genetics
phylogeny 11214
ribosomal RNA 4115
chlorotoluron 1866
chromosome elimination 914
chromosome morphology 12813
chromosome pairing 4117
combining ability, yield components 9743, 9745
cryopreservation 6670
cucumber mosaic cucumovirus 4131, 6337, 9756
cytoplasmic male sterility 7576, 10856
DNA hybridization 9724
DNA methylation
antibiotics 7561
pollen 902
salinity 12820
drought resistance 9747
embryo culture 9727
Erysiphe cichoracearum 8703
fertilization 5241, 9726, 10855
Fusarium oxysporum 2852
gene expression 1849-1850, 4119, 5236, 5704, 7498, 7563, 8689, 8692, 9720-9721, 11877, 11883, 12807, 12810
abscisic acid 11889
ACC oxidase 5013, 12808
ACC synthase 12808
actin 2841
adenosinetriphosphatase 2839
Agrobacterium rhizogenes 8691, 9716
albumins 6240
5-aminolevulinate synthase 11887
α-amylase 10107
arginine decarboxylase 6801
ascorbate peroxidase 6332
auxin binding proteins 7572
auxins 4120, 7557
binding proteins 3454
cadmium 4113, 7559
carbonate dehydratase 6332
catalase 9714, 11892
cell division 5240, 6640, 10854
chitinase 7570, 9752
chlorophyll *a/b* binding protein 5243
chymotrypsin inhibitors 10522
citrate synthase 6677
conglutin 12448
β-conglycinin 6320
4-coumarate-CoA ligase 2832, 2851, 7579
cyclins 5240, 7573, 9875, 10854
cycloheximide 11879
cymbidium ringspot tombusvirus 1863
cytokinin oxidase 6327
cytokinins 2846, 12819
cytoplasmic male sterility 2839
dehydrins 3857
desiccation 4124
development 11340
diseases 908, 4126
DNA binding proteins 9715, 9722, 11340
elongation factors 7813
Erwinia carotovora 5250
ethylene 6330, 11895, 12808
extensin 838, 6318
germination 11889
globulins 12448
β-glucanase 904, 5248, 9738
glucosyltransferases 907
glutamate-ammonia ligase 2446, 11524, 12816
glutamate synthase 12816
glutathione reductase 4871
glutathione transferase 4120
glyceraldehyde-3-phosphate dehydrogenase 3287
glycoproteins 1776
Nicotiana tabacum *cont.*
gene expression *cont.*
growth regulators 6325, 6330, 8702, 11889, 11896
GTP-binding proteins 48
haemoglobin 6343
heat shock 2210
heat shock proteins 9252
histones 7564
hydrogen peroxide 11892
IAA 6325
injuries 2851, 6332
introns 6320
isopentenyltransferase 2846, 5247, 7463, 9718
jasmonic acid 11896
kafirin 5246
leaves 9741
lectins 3750
legumin 8293
linoleoyl-CoA desaturase 9876
lipid transfer proteins 4111
lipoxygenase 6336
luciferase 11164
Meloidogyne javanica 6343
methyltransferases 2836
napin 4124
naringenin-chalcone synthase 3728, 9430, 11554
nitrate reductase 8696
nitrite reductase 5238, 8687
nodulation 11880
osmotin 2835, 3162, 10852
oxidoreductases 2845
pathogenesis-related proteins 397, 1861, 3162, 5248, 5250-5251, 8702, 9752-9753, 10604, 11895
phosphoenolpyruvate carboxylase 7571
photosynthesis 2551
phytochrome 4110, 10862
Phytophthora nicotianae 6336, 11896-11897
pollen germination 2841
pollination 7577
polyubiquitin 8690
potato X potexvirus 9753, 11898
prohibitin 6640
protein kinase 6330, 7577, 9739
proteins 7569
ribosomes 5237
ribulose-bisphosphate carboxylase activase 2082
RNA polymerase 11882
root shoot ratio 8696
salicylic acid 4120, 5248, 8702, 10850
salinity 4125
seeds 5246, 9738
stearoyl-CoA desaturase 1851
stress 838, 6333
superoxide dismutase 4123, 11885
techniques 1848
tobacco mosaic tobamovirus 2853-2854, 8705, 11135, 12808
tomato yellow leaf curl bigeminivirus 921
toxic substances 4113, 7559
transcription factors 6702, 10850
transfer RNA 3205
transposable elements 911, 6333
Trichoderma viride 11895
trihydroxystilbene synthase 7575
tubulin 2841
vaccines 2490
vicilin 4124
zein 2256, 5757
gene mapping 1854
genetic engineering
ACC oxidase 12808
ACC synthase 12808
Bacillus thuringiensis 5596, 12828
chitinase 3911
haemoglobin 6321
lysine 9740
osmotin 3162
pathogenesis-related proteins 3162
photosynthesis 9735
seeds 9740
Spodoptera exigua 5596
Spodoptera littoralis 5596, 12828

Nicotiana tabacum cont.
genetic engineering *cont.*
tobacco mosaic tobamovirus 2853
genetic markers, pollen 8695
genetic transformation 906, 931, 1849-1850, 1853, 2077, 2086, 2493, 4385, 4397, 5235-5236, 5704, 6317, 6620, 7498, 7563, 7566, 8692, 9720-9721, 9949, 9955, 10296, 11877, 11881, 12806, 12810
abscisic acid 11889
ACC oxidase 5013
adenosinetriphosphatase 2839
Agrobacterium rhizogenes 900, 5239, 8691, 9716-9717
Agrobacterium tumefaciens 1176, 8688, 11152
albumins 6240
alfalfa mosaic alfamovirus 9757
5-aminolevulinate synthase 11887
α-amylase 10107
anthocyanins 11338
anthranilate synthase 4112
arginine decarboxylase 6801
ascorbate peroxidase 10864
aspartate kinase 9015
auxins 1856, 10858
beet necrotic yellow vein furovirus 9754
binding proteins 3454, 4121, 7136
biolistics 6624
biotin carboxylase 12817
calmodulin 7568
catalase 9714
cecropin 11893
chitinase 7584
chlorophyll 9736
chlorophyll *a/b* binding protein 5243
chymotrypsin inhibitors 10522
cinnamyl-alcohol dehydrogenase 5242, 9734, 11876
citrate synthase 9641
cold resistance 2850
conglutin 12448
4-coumarate-CoA ligase 12815, 7579
cucumber mosaic cucumovirus 23, 923-924, 928, 4130
cyclins 9875
cycloheximide 11879
cysteine synthase 2837, 3846
cytochromes 9729
cytokinin oxidase 6327, 9731
cytokinins 2846, 4122, 10858-10859, 12819
cytoplasmic male sterility 1798, 2839
cytosine deaminase 10851
dehydrins 3857, 4426
desiccation 4124
development 1072, 11340
DNA binding proteins 5710, 11340
drought resistance 9749, 10863
elongation factors 7813
endonuclease 945
Erwinia carotovora 5250
Erysiphe cichoracearum 11894
extensin 838
farnesyl-diphosphate synthase 8686
flowering 1072, 2844, 6329
fluorescence 7567
fructans 10860-10861
β-fructofuranosidase 1865
fungi 7584
Fusarium sporotrichioides 4127
germin 6706
globulins 6910, 12448
β-glucanase 904, 927, 12126
β-glucuronidase 8699
glutamate-ammonia ligase 2335, 2446, 11524
glutamate 1-semialdehyde amino-transferase 9737
glutathione reductase 4871
glutelins 2317
glycoproteins 1776
growth regulators 4122, 6325, 10859, 11143, 11889
gynoecium 2840
haemoglobin 6343, 7562
heat shock 2210
heat shock proteins 3754, 9252
Helicoverpa armigera 929

Nicotiana tabacum cont.
genetic transformation *cont.*
histones 7920
homoserine dehydrogenase 9015
IAA 6325
injuries 4121
isopentenyltransferase 1857, 2846, 5247, 7463, 9718, 10859
lectins 3750
leghaemoglobin 445
legumin 8293
lignin 5242, 9734, 12815
linoleoyl-CoA desaturase 9876
lipid transfer proteins 4111
lipoxygenase 8434
luciferase 11164
lysozyme 11894
male sterility 12814
mannitol 9750, 10863
methyltransferases 2836
monoclonal antibodies 7582
napin 4124, 5172
naringenin-chalcone synthase 9430, 11554
nitrate reductase 9730
nitrite reductase 9730, 10584
nopaline synthase 901
opines 11891
osmotin 2835
oxidation 9750
oxidoreductases 9728
ozone 10864
pathogenesis-related proteins 397, 1865, 5250, 9753
phaseolin 3727
phenylalanine ammonia-lyase 9732
phosphoenolpyruvate carboxylase 11016
phosphoribulokinase 6326
photosynthesis 2550-2551, 5244, 9729, 9735, 9737
phytochrome 2842, 7580
pollen 7831
polyamines 2844, 12814
polymers 7558
potato X potexvirus 2855, 9753, 11898, 12822
potato Y potyvirus 1865, 4130, 12825-12826
proteins 1490, 12186
Pseudomonas syringae 11893-11894
recombination 7560
respiration 9728
ribulose-bisphosphate carboxylase 6326
ribulose-bisphosphate carboxylase activase 2082
root shoot ratio 11886
salinity 10863
seeds 5172
Spodoptera litura 11899
stearoyl-CoA desaturase 2850
stilbene synthase 10699
stress 838, 9748, 9750
superoxide dismutase 4123, 9748
techniques 1848, 6612, 6624
thioredoxins 3703
tobacco etch potyvirus 12825-12826
tobacco mosaic tobamovirus 920, 2854, 11139, 11886, 12822
tobacco vein mottling potyvirus 12825-12826
tomato mosaic tobamovirus 1864
tomato spotted wilt tospovirus 6339, 7585, 9759, 10865
tomato yellow leaf curl bigeminivirus 921
transcription factors 6702
translocation 11886
transposable elements 5710, 6323
trehalose 4426, 9079
trehalose-phosphate synthase 9749
trichodiene synthase 4127
trihydroxystilbene synthase 7575
trypsin inhibitors 11899
ultraviolet radiation 945
uroporphyrinogen decarboxylase 9736
vaccines 2490
vicilin 4124
viruses 4128, 6342, 8706
zeatin *O*-xylosyltransferase 12485

Nicotiana tabacum cont.
genetic transformation *cont.*
zein 5757, 12186
genetic variance
leaves 12818
quality 9744
yield components 8698, 9744
genetics
leaves 12818
self incompatibility 915
tomato mosaic tobamovirus 7793
viruses 5252
genotype environment interaction, viruses 5252
Globodera tabacum 9751
growth regulators 5241
haploidy 6334, 7576
Heliothis virescens 7556
herbicides 1866
heritability, yield components 8698, 9745
heterosis
leaves 9746
quality 9746
yield components 9743
in vitro culture 9726, 10855
in vitro selection
cytosine deaminase 10851
drought resistance 12821
salinity 7583, 8701, 12821
tobacco mosaic tobamovirus 12827
induced mutations 11201
interspecific hybridization 914-915, 2847, 4117, 6670, 9724, 10856, 12812
jasmonic acid 4121
maternal effects, plant embryos 7580
mitochondrial genetics 2086, 6322
cytoplasmic male sterility 1798, 2838
molecular genetics 4901, 6319, 7565, 10849
cell division 10854
chitinase 6331
cyclins 10854
Glomus intraradices 6331
nopaline synthase 901
photosynthesis 2833
proteins 1852
salinity 4125
transposable elements 906
mutations
cold 9733
colour 2843
enzymes 2843
β-glucanase 927
morphology 9733
nitrate reductase 8696
nitrogen 9742
nutrients 9742
root shoot ratio 8696
nitrate reductase 12816
nucleotide sequences 11877
auxin binding proteins 7572
cell division 5240, 6640
citrate synthase 6677
4-coumarate-CoA ligase 2832
cyclins 5240
diseases 908
DNA binding proteins 9715
extensin 6318
glucosyltransferases 907
glyceraldehyde-3-phosphate dehydrogenase 3287
GTP-binding proteins 48
membrane proteins 909
nodulation 11880
phytochrome 4110
pollination 7577
prohibitin 6640
protein kinase 6330, 7577, 9739
proteins 7569
ribulose-bisphosphate carboxylase 4114
stearoyl-CoA desaturase 1851
transfer RNA 3205
transposable elements 910-911
Peronospora tabacina 6334
photorespiration 12816
photosynthesis 11882
phytochrome 9043
pollen 3274, 6324, 12813
pollen culture 1858, 6334
pollination 5241

Nicotiana tabacum *cont.*
polymorphism, isoenzymes 1493
potato Y potyvirus 926, 6334
protoplast culture 917, 11201
protoplast fusion 914, 2847, 12812
protoplasts 1858, 1860, 2848
Pseudomonas syringae 5249, 9751
random amplified polymorphic DNA 2847, 6322
recombination, transposable elements 6323
salicylic acid 4121
salinity 918
space flight 917
techniques, embryo sac 9727
tissue culture 1859, 5247, 5249, 11890
tobacco mosaic tobamovirus 927, 6334
ultraviolet radiation 11201
variety trials 899
yield correlations 9745
varieties, CU263 7556
Nicotiana tomentosiformis, mitochondrial genetics 9723
Nicotiana* (×) *Atropa, protoplast fusion 4118
Nicotiana* (×) *Daucus, protoplast fusion 1855
Nicotiana* (×) *Glycine, protoplast fusion 1493
Nicotiana* (×) *Hyoscyamus, protoplast fusion 912
Nicotiana* (×) *Lycium, protoplast fusion 913
Nicotiana* (×) *Lycopersicon, protoplast fusion 5009
Nicotiana* (×) *Scopolia
cytoplasmic male sterility 912
protoplast fusion 912
Nicotiana* (×) *Solanum, protoplast fusion 2493
Nicotianamine, *Lycopersicon esculentum,* mutations 2573
Nicotianamine synthase, *Lycopersicon esculentum* 2575
Nierembergia repens, protoplast culture 11026
Nierembergia scoparia, genetic transformation 9828
Nigella sativa
ethyl methanesulfonate 9885
gamma radiation 9885
induced mutations, chlorophyll 9885
mutagens 9885
tissue culture 9886
Nigritella
apomixis 4285
colour 4286
flowers 4286
taxonomy 4286
Nilaparvata lugens
Oryza latifolia 3635
Oryza sativa 393, 2366, 4740, 5940, 8181, 9314
Nisotra orbiculata, *Hibiscus cannabinus* 10891
Nitrate reductase
Arabidopsis thaliana
gene expression 6649, 9016
mutations 6649, 9016
Brassica napus
rape
gene expression 2738
molecular genetics 2738
Cichorium intybus, gene expression 1643
genetic transformation 5531
Hordeum vulgare 11312
mutations 4560
Hordeum × *Triticum* 2129
Nicotiana plumbaginifolia, induced mutations 8700
Nicotiana tabacum 12816
gene expression 8696
genetic transformation 9730
mutations 8696
nucleotide sequences, evolution 6672
Oryza sativa 2340
induced mutations 10314, 10318
nucleotide sequences 10314
Triticum durum 2129
Nitrates
Arabidopsis thaliana
gene expression 5565
mutations 3221, 6657, 9028
Nitrates *cont.*
Brassica oleracea, broccoli 4967
Cucumis sativus 647
Daucus carota 10550
gene expression 2057
Hordeum × *Triticum* 2129
Triticum durum 2129
vegetables 2119
Zea mays 9246
Nitrilase
Arabidopsis thaliana
genetic transformation 54
nucleotide sequences 7811
Nitrite reductase
Arabidopsis thaliana, gene expression 8687
genetic transformation 5531
Nicotiana tabacum
gene expression 5238, 8687
genetic transformation 9730, 10584
Spinacia oleracea, gene expression 10584
5-Nitro-6-methyl uracil, *Hordeum vulgare* 5667
Nitrogen
Arachis hypogaea, combining ability 6278
Avena sativa 10128
Beta vulgaris, sugarbeet 1837
Brassica napus
rape
combining ability 8572
heterosis 8572
Festuca arundinacea 9825
Gerbera, genotype environment interaction 13003
Glycine max 12463
Hordeum vulgare 3382, 6794-6795, 10113-10115, 10120
Lolium perenne 9825
Lycopersicon esculentum 3875, 8439
Miscanthus ogiformis 9339
Miscanthus sinensis 9339
Nicotiana plumbaginifolia
gene expression 10853
nucleotide sequences 10853
Nicotiana tabacum, mutations 9742
Oryza sativa 391, 4748, 5919-5920, 7052, 10333, 12376
Pinus sylvestris 10964
Poa pratensis 2375, 9825
Saccharum 11853
Saccharum officinarum 7535
Secale cereale 4579, 5694
Sesamum indicum 12775
Solanum tuberosum 6090
Sorghum bicolor 3536, 3546, 6973
genotype environment interaction 6971
triticale 6887, 10134
heritability 8066
Triticum aestivum 163, 1292, 2180, 5634, 6749, 10067, 10069, 11273
Triticum durum 7982
Vitis vinifera 3983
Zea mays 3501, 5824, 6942, 6944, 6946, 9245, 9247, 11370-11371
gene expression 8085, 10246
Nitrogen fixation (*see also Bradyrhizobium; Rhizobium*)
Cajanus cajan 3774
evolution 4453
Fabaceae, evolution 9366
Galega orientalis 7121
Glycine max 9405, 12475
Lotus corniculatus 7112
Medicago sativa, gene expression 12441
Oryza sativa 10331
Phaseolus vulgaris 4858, 9432
Pisum sativum, mutations 9445
Saccharum officinarum 9085
Trifolium repens 435, 1468, 11504
Triticum aestivum 12267
Vicia sativa, gene expression 3686
Vigna subterranea 4891
Zea mays 9085, 11359
Nitrogenase, *Glycine max,* induced mutations 3715
Nitrous oxide
Sorghum bicolor 3537
Vicia faba 10446
Nitrous oxide *cont.*
Zea mays 10174
Noctuidae, *Gossypium hirsutum* 9770
Nodulation
Alnus glutinosa, molecular genetics 6390
Casuarina glauca, gene expression 6390
Fabaceae
gene expression 11519, 12455
gene mapping 11519
gene expression 1189
Glycine max 1501
databases 10426
DNA fingerprinting 9400
gene mapping 11519
genetic markers 7133, 9400
genetics 1502, 2429, 9401, 10426
heritability 11536, 12474
Bradyrhizobium 11536
induced mutations 3715
linkage 10426
mutations 1502, 9400, 11532
Lotus japonicus
gene expression 5993, 9356
nucleotide sequences 5993, 9356
Medicago sativa
DNA fingerprinting 3678
gene expression 5979
genetics 3678, 12440
molecular genetics 11497
mutations 12440
Medicago truncatula, gene expression 426
Nicotiana tabacum
gene expression 11880
nucleotide sequences 11880
Phaseolus vulgaris 4856, 4858
gene expression 4859
nucleotide sequences 4859
Pisum sativum 4872
gene expression 2459, 12508
molecular genetics 2459
nucleotide sequences 12508
Psophocarpus tetragonolobus, induced mutations 2483
Vicia faba
gene expression 6034
nucleotide sequences 6034
Nodulins
Glycine max
gene expression 457, 12473
genetic engineering 9356
nucleotide sequences 12473
Lotus corniculatus, genetic transformation 9356
Lotus japonicus
gene expression 9355
nucleotide sequences 9355
Medicago sativa, gene expression 9346
Sesbania rostrata, gene expression 3691
Vicia faba
gene expression 2440
nucleotide sequences 2440
Nomenclature 3282
Acidosasa chinensis 6551
Aegilops tauschii 11300
Allium ampeloprasum 2529
Allium porrum 2529
Aloe 9867, 13020
Aloe eumassawana 13021
Aloe massawana 13021
Amaryllis 6496
Ampelocalamus mianningensis 12055
Ampelocalamus patellaris 12055
Ampelocissus 13022
Arabidopsis 11188
Arabidopsis thaliana, genetics 12129
Astragalus capitatus 5996
Astragalus echinatus 5996
Betula alba 4162
books 11119
Camellia chrysantha 11002
Camellia nitidissima 11002
chitinase 6609
Cissus 13022
Cistus dansereaui 1922
Cistus lusitanicus 1922
Corydalis 6480
crops, dictionaries 9917
Dahlia sorensenii 8875
databases 7867
Dendrocalamus mianningensis 12055

Nomenclature *cont.*
Derris ovalifolia 1113
Elymus 5961
Encyclia trulla 8886
Epidendrum fruticosum 8887
Epidendrum viejii 8887
Fabaceae 12183
Ficus drupacea 10716
Ficus mysorensis 10716
fodder plants 8192
Galanthus 13006
Galanthus elwesii 13007
genetics 31
Geranium tanii 1068
Geranium trifoliatum 1068
Hippeastrum 6496
Hordeum vulgare, chromosomes 8022
Illicium anisatum 1116
Illicium verum 1116
Leucaena 8248
molecular genetics 2055, 4371
Orchidaceae 1978, 12024
pathogenesis-related proteins 6609
Pericallis 13000
Phaseolus helvolus 8309
Poaceae 2388
Protoasparagus 2557
Quercus aegilops 6369
Quercus ithaburensis 6369
Rosa omeiensis 11011
Rosa sericea 11011
Ruellia verbasciformis 13001
Senecio heritieri 13000
Solanum tuberosum 8388
Sorbus 11683
Sorbus sudetica 11684
Strophostyles helvolus 8309
Tilia cordata 8795
Tilia platyphyllos 8795
Viola polycephala 9843
Vitis vinifera 5129
Zea mays, genetics 5733
Nopaline synthase
Nicotiana tabacum
genetic transformation 901
molecular genetics 901
Vicia narbonensis
gene expression 9352
genetic transformation 9352
Norflurazon, *Arabidopsis thaliana*, induced mutations 2105
Nothofagus, outcrossing 4184
Nothofagus menziesii
photosynthesis 1891
respiration 1891
Nothofagus solandri
photosynthesis 1891
respiration 1891
Nothotsuga longibracteata, taxonomy 6415
Notopterygium, taxonomy 9883
Nuclei
Adiantum capillus-veneris 11052
triticale 6842
Vigna unguiculata 9490
Nucleocytoplasmic interaction
Aegilops × *Triticum* 122, 12223
apomixis 10045
Leptosphaeria nodorum 6760
male sterility 7944
tissue culture 12248
yield components 5614
Brassica × *Raphanus* 9526
Elymus × *Triticum* 122
tissue culture 12248
Helianthus annuus, regenerative ability 11817
Hordeum vulgare
chromosome pairing 6786
male sterility 2215
Oryza sativa 7019
Pennisetum glaucum, yields 9275
Triticum aestivum
apomixis 10045
Leptosphaeria nodorum 6760
tissue culture 12248
yield components 5614
Zea mays, tissue culture 10229
Nucleolin
Pisum sativum
gene expression 12501
nucleotide sequences 12501
Nucleolus, *Pisum sativum* 493
Nucleolus organizer
Allium cepa 8411
Hordeum × *Secale*, DNA methylation 11323
Iris ensata 11031
Medicago, fluorescence *in situ* hybridization 2396
Rosa 7666
Secale cereale, DNA methylation 11323
Secale × *Triticum*, DNA methylation 11323
triticale 6845
chromosome translocation 6847
in situ hybridization 6833
Nucleotidase, *Oryza sativa* 9308
Nucleotide sequences 2072, 4373, 4379
Abies grandis, abietadiene synthase 5323
Actinidia deliciosa
phylogeny 9619
polygalacturonase 9619
Adiantum capillus-veneris, cyclins 1979
Agaricus bisporus 11094
4-aminobenzoate 1-monooxygenase 11093
cellulase 5475
development 11096
hydrophobins 7746
Agaricus bitorquis, RNA polymerase 1125
Allium sativum, agglutinins 6105
Alnus glutinosa
acetylornithine transaminase 5294
glutamate-ammonia ligase 5294
Aloe arborescens, phosphoenolpyruvate carboxylase 1875
Amelanchier, phylogeny 9595
angiosperms, phylogeny 9073
Antirrhinum, self incompatibility 1963
Antirrhinum majus
cell division 1070, 1962
chloroplasts 1071
development 9845
protein kinase 1070, 1962
transcription factors 9845
Apium graveolens, mannose-6-phosphate 6-reductase 9542
Arabidopsis suecica
phylogeny 9990
ribosomal DNA 9990
Arabidopsis thaliana 57, 1197, 2089-2090, 3198, 3200, 3206, 3208-3209, 3905, 5535, 7822, 9004, 11168, 12125
acetyl-CoA carboxylase 8989
actin 3197, 5538
adenosinetriphosphatase 12138
alcohol dehydrogenase 55, 1199
amino acids 64
1-aminocyclopropane-1-carboxylate synthase 42
aquaporin 56
ascorbate peroxidase 12127
aspartate aminotransferase 2083
aspartate kinase 9961, 9975
aspartic proteinase 6248
auxins 9962
binding proteins 53, 477, 3211, 4399, 9021
biotin 3196
biotin holocarboxylase synthetase 6675
carotenoids 1209
catalase 3195
cell division 6640
chaperonins 4391
chlorophyll *a/b* binding protein 9003
chorismate mutase 2084
chromosome pairing 4396
cinnamate 4-monooxygenase 8990-8991
cystathionine-β-lyase 9977
death 6630
determinate and indeterminate habit 4405
development 5559, 6631, 9978
diseases 7842
DNA binding proteins 3210, 3212, 6635, 6644, 9000, 9969, 9978, 11195, 12150
DNA helicase 9964
Nucleotide sequences *cont.*
Arabidopsis thaliana cont.
DNA repair 6645
ecotypes 3239
elongation factors 7807
evolution 1199
farnesyl-diphosphate farnesyltransferase 41
ferritin 4413
ferulate-5-hydroxylase 46
flavonol synthase 8994
flowering 5544, 9009
flowers 5544
galactokinase 9968
GDPmannose 4,6-dehydratase 9972
geranylgeranyl pyrophosphate synthase 7820
β-glucanase 12126
glucose-1-phosphate adenylyltransferase 8998
β-glucosidase 9045
glutamate dehydrogenase 8993
glutathione synthase 1195, 9037
glutathione transferase 4389
glyoxalase 6627
growth regulators 9962
GTP-binding proteins 48
heat shock proteins 9992
histones 12153
hydrogen peroxide 2104
hydroxymethylglutaryl-CoA synthase 43
inflorescences 4405, 6631
introns 3204
iron 2102
leucoanthocyanidin dioxygenase 8994
light 3212, 5554
mitochondria 4905
myosins 53
NADH dehydrogenase (ubiquinone) 1251
NAD(P)H dehydrogenase 9970
nitrilase 7811
nutrients 2102
pathogenesis-related proteins 5570, 5572, 11195, 12156
pectinesterase 7814
Peronospora parasitica 11196
peroxidases 6638
phosphate transporters 4398
phosphates 9991
phosphatidate cytidylyltransferase 9500
phosphoadenosine-phosphosulfate reductase 3199
phospholipase C 9020
phospholipase D 9963
photolyases 6645
photosynthesis 75
plant embryos 4418
polyubiquitin 11184
potassium 12121
prohibitin 6640
proline dehydrogenase 62, 4427
proline oxidase 2091
protein kinase 78, 7819, 8992, 11166, 11174, 11334
protein phosphatase 9027
proteinases 5560, 11184
proteins 1198, 1200, 1207, 3203, 3215, 5541, 9991
protoplasts 96
ribonucleoproteins 63
ribosomal DNA 8999
RNA helicase 9538
RNA polymerase 44, 1193, 7816
roots 12140
source sink relations 5542
stress 2104
succinylhomoserine lyase 4393
sulfate adenylyltransferase 6643
transcription factors 60, 3207, 9962
transfer RNA 3205
transposable elements 5594, 7827
tubulin 53
ubiquitin 53, 6642
ubiquitin-protein ligase 5539
waxes 1220
xyloglucan endotransglycosylase 3201
Arabis gemmifera, alcohol dehydrogenase 55

Nucleotide sequences *cont.*
Arachis hypogaea, allergens 858
Araucaria cunninghamii, taxonomy 5330
Arecaceae, evolution 8987
Asparagus officinalis 1640
histones 3849
sugars 3849
Astragalus, evolution 4811
Avena sativa, protein kinase 9177
Beta vulgaris
transposable elements 5594
fodder beet, ribosome-inactivating proteins 8408
sugarbeet
adenosinetriphosphatase 4100
binding proteins 8679
Cercospora beticola 8679
citrate synthase 6677
cytoplasmic male sterility 5223
salinity 4100
Brassica 824
self incompatibility 827
Brassica campestris, self incompatibility 4043
Brassica juncea
adenosinetriphosphatase 4045
cytoplasmic male sterility 4045
Brassica napus
rape
adenosinetriphosphatase 4045
anthers 10765
arabinogalactans 4027
aspartic proteinase 6248
binding proteins 1764, 4030
biotin carboxyl carrier protein 7434
cytochromes 823
cytoplasmic male sterility 4045, 9667
long-chain-fatty-acid-CoA ligase 8556
oleosins 10765
pollen 4027, 12723
protein kinase 9654
self incompatibility 5622
senescence 8571
transposable elements 4031
Brassica oleracea
anthers 9533
aquaporin 9533
self incompatibility 12586
broccoli, flowers 9532
cauliflowers, flowers 9532
kale, self incompatibility 7279
Brassica pekinensis
anthers 6118
flowers 2535
proteins 8421
Brassica tournefortii
adenosinetriphosphatase 4045
cytoplasmic male sterility 4045
Cactaceae, evolution 8902
Camptotheca acuminata, proteins 5453
Canavalia gladiata
canavalin 12532
globulins 12532
proteins 7210, 11588
Capsicum annuum
auxins 3892
calmodulin 10615
defensins 3891
fruits 6150
β-glucanase 6150
ripening 3891, 6150
xanthophyll 6148
Carica papaya
ACC oxidase 12698
ACC synthase 8529
ripening 8529
Castanea sativa
chitinase 5166
pathogenesis-related proteins 5166
Catharanthus roseus
methionine adenosyltransferase 6527
protein kinase 4293
Cenchrus ciliaris
apomixis 4777
gynoecium 4777
Chamaecyparis obtusa
allergens 2990
pollen 2990

Nucleotide sequences *cont.*
Chenopodium album
cytokinins 395
plasmids 5951
chitinase 11160
chloroplast genetics 8984
Chrysosplenium americanum, methyltransferases 5454
Cicer arietinum, urate oxidase 6066
Citrus
sucrose-phosphate synthase 795
sucrose synthase 6223
Clarkia breweri, linalool 1067
Claviceps, alkaloids 9877
Clerodendrum aculeatum
proteins 7726
viruses 7726
Coffea
phylogeny 10844
ribosomal DNA 10844
Coix, DNA binding proteins 12409
computer programming, books 5493
Coprinus cinereus
galectins 7745
recombination 9549
Craterostigma plantagineum 4254
Cucumis melo, ripening 6155
Cucumis metuliferus, repetitive DNA 8449
Cucumis sativus 3905, 10629
chromoplasts 5067
development 11662
diacylglycerols 9581
gibberellins 1706
glutamyl-tRNA reductase 3904
growth regulators 1706
membranes 9581
photosynthesis 7341
proline 9580
T complex proteins 9582
Cucurbita
ascorbate oxidase 11658
catalase 6161
phylogeny 644
Cucurbita maxima
gibberellin oxidase 12633
gibberellins 11659
phloem 11657
Cuphea wrightii, fatty acids 12779
databases 5517, 5533
Datura fastuosa
cadmium 1112
toxic substances 1112
Daucus carota
dihydrofolate reductase 7237
p-hydroxyphenylpyruvate dioxygenase 11609
isoenzymes 1586
proteasomes 8393
proteinase inhibitors 9514
proteins 10548
somatic embryogenesis 1588, 6097, 8394
thymidylate synthase 7237
Dianthus caryophyllus, adenosylmethionine decarboxylase 11015
Erythrina variegata, chymotrypsin inhibitors 4182
Eucalyptus gunnii
cinnamoyl-CoA reductase 10902
cinnamoyl CoA:NADP oxidoreductase 7620
cinnamyl-alcohol dehydrogenase 10902
evolution 34, 5516, 5590
Fabaceae
phylogeny 2113
ribulose-bisphosphate carboxylase 2113
Fagopyrum 9316
Flammulina velutipes, fructification 1124
Flaveria pringlei
glycine dehydrogenase (decarboxylating) 8848
phosphoenolpyruvate carboxylase 11016
Flaveria trinervia, phosphoenolpyruvate carboxylase 11016
Forsythia intermedia, reductases 6434
Fragaria ananassa
pectate lyase 12666

Nucleotide sequences *cont.*
Fragaria ananassa cont.
ripening 12666
gene mapping 9958
genetic distance 1168
Gentiana
phylogeny 5408
ribosomal DNA 5408
Gentiana triflora
dihydrokaempferol 4-reductase 1951
flavonoid 3′-monooxygenase 1951
flavonol 3-*O*-glucosyltransferase 1951
Geranium
phylogeny 7664
ribulose-bisphosphate carboxylase 7664
Gerbera hybrida
evolution 7672
naringenin-chalcone synthase 7672
globulins 33-34
Glycine, phylogeny 7154
Glycine max
S-adenosyl-L-methionine:Δ^{24}-sterol-C-methyltransferase 6007
aspartate-ammonia ligase 6008
choline kinase 3702
cold resistance 10429
development 11525
diseases 2434
ferritin 6006
glycinamide ribonucleotide transformylase 3704
nodulins 12473
phosphoribosylamine-glycine ligase 3704
phylogeny 6006
Phytophthora sojae 10435
protein kinase 12458
proteins 1490, 4818
ribosomes 10410
thioredoxins 3703
UDPglucose 6-dehydrogenase 6010
urate oxidase 7135
Glycyrrhiza echinata, cytochromes 12033
Glycyrrhiza glabra, squalene synthase 4292
Gossypium, ribosomal DNA 10878
Gossypium barbadense, fibres 6345
Gossypium hirsutum
cellulose 4137
chitinase 930
β-glucanase 930
lipid transfer proteins 2870
proline-rich proteins 2871
proteins 9763, 10874
gymnosperms, taxonomy 3283, 5330
Helianthus
phosphatidylcholine desaturase 9678
stearoyl-CoA desaturase 9678
Helianthus annuus
ACC oxidase 12741
apocytochrome *b* 10785
cytochrome *c* 9677
development 2754
DNA binding proteins 10549
flowers 2754
oxidoreductases 6253
phosphatidylcholine desaturase 9678
stearoyl-CoA desaturase 9678
Helianthus tuberosus, calnexin 11623
Hevea brasiliensis
allergens 2915-2916
glutamate-ammonia ligase 8758
Hordeum vulgare 4547
α-amylase inhibitor 10107
cold resistance 8015
endo-1,4-β-xylanase 6780
Erysiphe graminis 6798
β-glucan exohydrolase 1311
jasmonic acid 191
lipoxygenase 6782
pathogenesis-related proteins 8037
phenylalanine ammonia-lyase 5681, 11303
plant embryos 1324
seeds 1324
trypsin inhibitors 193
UTP-glucose-1-phosphate uridylyltransferase 8013
xylanase 1323
xylose isomerase 9163

Nucleotide sequences *cont.*
Humulus lupulus 4318
Ipomoea batatas
glucose-1-phosphate adenylyltransferase 7244
peroxidases 12564
sporamin 7245, 9522
superoxide dismutase 12565
Ipomoea trifida
protein kinase 1591
self incompatibility 3814
Iris hollandica, ribosome-inactivating proteins 13005
Kengyilia alatavica, ribosomal RNA 8218
Lactuca sativa, violaxanthin de-epoxidase 8426
Lentinula edodes, development 11097
light 5521
Lilium longiflorum
anthers 13009
pathogenesis-related proteins 13009
Linum usitatissimum, flax, peroxidases 5261
Lotus japonicus
binding proteins 5993
nodulation 5993, 9356
nodulins 9355
sucrose synthase 9356
Lupinus albus, tubulin 4796
Lupinus angustifolius
conglutin 12448
globulins 12448
Lupinus luteus, NAD(P)H dehydrogenase 12449
Lycopersicon chilense, drought resistance 5028
Lycopersicon esculentum 1646
abscission 9558
ACC oxidase 8432
ACC synthase 10596
adenosinetriphosphatase 6133
arabinogalactans 3858
ATP:fructose-6-phosphotransferase 11640
binding proteins 3865
chloroplasts 593
chorismate mutase 591
cytochromes 597
dehydrins 3857
development 7314
diseases 908
DNA binding proteins 3861, 10593, 10604
farnesyl-diphosphate farnesyltransferase 9547
fenthion 7320
fructokinase 9545
fruits 7314, 11642
Fusarium oxysporum 9570
glutamyl kinase 12596
glutamyl phosphate reductase 12596
heat shock proteins 7313, 8430
height 597
hydroxymethylglutaryl-CoA reductase 2571
injuries 592
leucyl aminopeptidase 2572
lipoxygenase 8434, 12602
metallothionein 7310
molybdenum cofactor 10592
nutrients 2582, 8440
oxygenases 10592
pesticides 7320
phenylalanine ammonia-lyase 599
phosphorus 8440
polygalacturonase 9558
protein kinase 7320
proteinases 592
Pseudomonas syringae 7320
recombination 9549
ripening 6134, 7313, 10593, 11642
senescence 7315
stress 6134
tissue culture 3873
Malus pumila
development 7353, 10653
flowers 10653
fruits 10653
self incompatibility 11670

Nucleotide sequences *cont.*
Manihot esculenta, ribulose-bisphosphate carboxylase 6098
Marah macrocarpus, gibberellin oxidase 12633
Medicago sativa
carbonate dehydratase 7103
Colletotrichum trifolii 7106
2,4-D 12435
growth regulators 12435
histones 1440
pectate lyase 4788
peroxidases 2398, 8228
phosphoenolpyruvate carboxylase 12441
pollen 4788-4789
proline-rich proteins 12435
protein kinase 7097
somatic embryogenesis 7102
stress 7106
Morchella conica 8929
Morchella esculenta 8929
Musa
ACC oxidase 9626, 10726
pectate lyase 12684
ripening 10726, 12684
myosins 6619
Myristica fragrans
esterases 12200
fatty acids 12200
NADH dehydrogenase 11218
natural selection 8986
Nepeta racemosa, cytochromes 8926
Nicotiana glutinosa
metallothionein 4129
tobacco mosaic tobamovirus 4129
Nicotiana plumbaginifolia
chlorophyll *a/b* binding protein 6328
nitrogen 10853
nutrients 10853
Nicotiana tabacum 11877
auxin binding proteins 7572
cell division 5240, 6640
citrate synthase 6677
4-coumarate-CoA ligase 2832
cyclins 5240
diseases 908
DNA binding proteins 9715
extensin 6318
glucosyltransferases 907
glyceraldehyde-3-phosphate dehydrogenase 3287
GTP-binding proteins 48
membrane proteins 909
nodulation 11880
phytochrome 4110
pollination 7577
prohibitin 6640
protein kinase 6330, 7577, 9739
proteins 7569
ribulose-bisphosphate carboxylase 4114
stearoyl-CoA desaturase 1851
transfer RNA 3205
transposable elements 910-911
nitrate reductase, evolution 6672
Olea europaea, cytochrome-*c* oxidase 9683
Orchidaceae
NADH dehydrogenase 1977
taxonomy 1977
Oryza 5887
Oryza sativa 338, 4673, 7016, 9087, 9286, 12366
adenosinetriphosphatase 339, 7029
allergens 352, 8154
amylase inhibitors 8154
anoxia 12401
aspartic proteinase 1399
betaine-aldehyde dehydrogenase 9281
cold resistance 7014
cytoplasmic male sterility 3589
death 8140
development 6682
DNA binding proteins 5880, 7015, 11405
ferredoxin-nitrite reductase 344
gibberellin oxidase 9295
globulins 341, 7015, 8134
glucose-1-phosphate adenylyltransferase 4683

Nucleotide sequences *cont.*
Oryza sativa cont.
glucose-6-phosphate isomerase 1401
inflorescences 6682
membrane proteins 8138
metallothionein 3582
naringenin-chalcone synthase 12362
nitrate reductase 10314
oryzasin 1399
plant embryos 4682
prolamins 3583, 3587
proteinase inhibitors 9284
proteins 10295
pyrophosphatases 343
pyrroline-5-carboxylate synthetase 8173
ribonucleoproteins 10298
ribosomes 3581
salinity 8173
starch synthase 10292
stearoyl-CoA desaturase 7014
sucrose-phosphate synthase 8135
superoxide dismutase 7011, 9282
transcription factors 5883, 8139, 10299
transposable elements 8143
variety classification 10290
Papaver somniferum, berberine bridge enzyme 9873
Pelargonium hortorum
ACC oxidase 12920
ACC synthase 12920
stearoyl-CoA desaturase 3024
Petroselinum crispum
caffeoyl-CoA methyltransferase 6546
DNA binding proteins 9890
Glomus fasciculatum 13042
heat shock proteins 6544
MAP kinase 12046
ozone 6544
pathogenesis-related proteins 6544
Phytophthora sojae 12046, 13042
Petunia hybrida
anthocyanins 11028
colour 11028
development 5415
flowers 5415, 11028
gibberellins 5415
proteins 1078
transcription factors 8857
Phalaenopsis, acyl-CoA oxidase 12020
Phalaris coerulescens, pollen germination 10362
Pharbitis nil
germin 1952
naringenin-chalcone synthase 12995
Pharbitis purpurea, naringenin-chalcone synthase 11017, 12995
Phaseolus vulgaris
adenosinetriphosphatase 4859
gibberellin oxidase 8249
nodulation 4859
pectinesterase 1511
zeatin *O*-xylosyltransferase 12485
Phoenix dactylifera 4006, 11778
phylogeny 33, 4453
Physalis crassifolia
evolution 98
self incompatibility 98
Picea abies
phosphoenolpyruvate carboxylase 4202
photosynthesis 1010
somatic embryogenesis 9802
Picea glauca, heat shock proteins 1905
Pimpinella brachycarpa, DNA binding proteins 11079
Pinus, chitinase 8797
Pinus banksiana, alcohol dehydrogenase 4189
Pinus pinea, ribosomal RNA 1897
Pinus strobus, globulins 994
Pinus taeda
4-coumarate-CoA ligase 8796
germination 7643
isocitrate lyase 7643
Pisum sativum 491
biotin holocarboxylase synthetase 6675
dihydropteroate synthase 12499

Nucleotide sequences *cont.*
Pisum sativum cont.
farnesyl-diphosphate farnesyltransferase 6056
flowers 12503
gibberellin oxidase 8249
glucose-1-phosphate adenylyltransferase 7175
glutathione reductase 3747
glyceraldehyde-3-phosphate dehydrogenase 3287
heat shock proteins 8320, 10465
kaurene synthase 7177
leaves 12503
lectins 3750
nodulation 12508
nucleolin 12501
ornithine carbamoyltransferase 1523
phosphoenolpyruvate carboxylase 12508
proteinase inhibitors 9437
pyruvate decarboxylase 9438
plants, evolution 99
Pleurotus ostreatus, laccase 9902
Poaceae, evolution 8987
Populus
carbonate dehydratase 12869
citrate synthase 6677
Populus kitakamiensis, cinnamate 4-monooxygenase 4171
proteins, databases 4378
Prunus avium
ripening 2677
thaumatin 2677
Prunus persica
cold resistance 5112
dehydrins 6197
Pseudotsuga menziesii
metallothionein 10981
plant embryos 10981
Psophocarpus tetragonolobus, chymotrypsin inhibitors 7212
Pteridophyta, evolution 99
Pueraria lobata, naringenin-chalcone synthase 4810
Pyrus communis
ethylene 8476
growth regulators 8476
ripening 8476
Pyrus pyrifolia
ribonucleases 667
self incompatibility 667
Quercus petraea, repetitive DNA 8781
ribulose-bisphosphate carboxylase 4453
Ricinus communis
calreticulin 12771
glutaredoxin 12770
phospholipase D 4080
protein disulfide-isomerase 9691
Robinia pseudoacacia
methionine 4181
proteins 4181
Rubus idaeus, polygalacturonase 12658
Saccharum, catechol oxidase 1831
Saccharum officinarum
acid invertase 8644
catechol oxidase 8657
Saccharum robustum, acid invertase 8644
Sambucus nigra
agglutinins 9624
lectins 9623
ribosome-inactivating proteins 11765
Secale cereale, chaperonins 3409
Silene latifolia
flowers 12000
pollen 11020
sex 12000
Sinapis alba
development 12739
inflorescences 12739
Solanum berthaultii
glutamic acid 6085
pollen 6085
Solanum carolinense
evolution 98
self incompatibility 98
Solanum demissum
repetitive DNA 12545
satellite DNA 12545
tubers 6086
Solanum tuberosum 2489

Nucleotide sequences *cont.*
Solanum tuberosum cont.
cold 8385, 9508
flavonol synthase 4909
fumarate hydratase 6081
gynoecium 8377
hydroxymethylglutaryl-CoA reductase 7217
lipoxygenase 1569
mitochondria 4905
NADH dehydrogenase (ubiquinone) 1251
NAD(P)H-dependent oxidoreductases 8377
naringenin-chalcone synthase 7218
nutrients 8382
patatin 11602
phosphates 8382
phosphatidate cytidylyltransferase 9500
protein kinase 9504
proteinase inhibitors 8381, 10533, 11602, 12544
proteins 6083
ribosomes 532
solanidine glucosyltransferase 6082
starch synthase 536, 4900
storage 9508
transaldolase 3787
Sophora japonica, lectins 7633
Sorghum bicolor 9087
betaine-aldehyde dehydrogenase 3535
cytochromes 5845
dehydrins 9267
development 6682
inflorescences 6682
phytochrome 9265
repetitive DNA 10270
Spinacia oleracea
adenosinetriphosphatase 10583
fructose-bisphosphatase 3843
α-glucosidase 7297
glyceraldehyde-3-phosphate dehydrogenase 3287, 3844
membrane proteins 583
phosphoserine transaminase 6124
proteinases 10583
ribulose-bisphosphate carboxylase 3843
RNA helicase 9538
sedoheptulose-bisphosphatase 3843
transketolase 3842
Trifolium repens, β-glucuronidase 3683
Triticum aestivum
ACC synthase 119
adenosinetriphosphatase 2138
allergens 3326
calmodulin 2137
cold resistance 12271
DNA binding proteins 6708
gliadin 12218-12219
glucan branching enzyme 6701
glucose-1-phosphate adenylyltransferase 10048
glutenins 3307
histones 7920
male sterility 3326
metallothionein 3317
plant embryos 3326
pollen 3317
protein kinase 4536, 7921, 9107
proteins 3308
Puccinia recondita 4536
ribosomal DNA 9110
Trollius chinensis, germination 4263
Tuber
chitin synthase 8932
taxonomy 8932
Tulipa, lectins 9857
Ulmus americana
esterases 12200
fatty acids 12200
Vanilla planifolia, 4-coumarate-CoA ligase 12041
Vicia faba
binding proteins 477
development 11548
glycine-rich proteins 6034
lipoxygenase 4847
metallothionein 7166
nodulation 6034

Nucleotide sequences *cont.*
Vicia faba cont.
nodulins 2440
seeds 11548
sugars 11548
Vicia sativa, DNA binding proteins 3686
Vigna radiata
ACC synthase 8352
pectinesterase 521
Vigna unguiculata
drought resistance 6076
leghaemoglobin 11578
Vitis vinifera
alcohol dehydrogenase 11749
chitinase 12674
glutamate-ammonia ligase 770
glutamate dehydrogenase 2698
Zea, phytoene synthase 2247
Zea mays 9087
abscisic acid 10200
actin 266
adenosinetriphosphatase 1364
β-amylase 9186
annexins 5705
anoxia 5827
catalase 10242
cell cycle 245, 9188
cell division 6923
colour 293
cystatin 1354, 2248
DNA binding proteins 6914
ferredoxin 12320
flavonoids 293
formaldehyde dehydrogenase (glutathione) 12312
globulins 4608
glyceraldehyde-3-phosphate dehydrogenase 5827
growth regulators 10200
histone deacetylase 11333
hydroxamic acids 11339
isoenzymes 6933
leaves 239
ligules 6930
lipoxygenase 6933
methyltransferases 12313
microsatellites 5713
phosphate translocator 8074
phytase 6911
phytoene synthase 6917
plant embryos 11346
pollen 266, 8083
protein kinase 3449, 11334
receptor kinases 239
ribosomes 8083
starch branching enzyme 9187
superoxide dismutase 249
transcription factors 250
uroporphyrinogen-III methyltransferase 2250
viruses 6923
Zinnia elegans
cinnamate 4-monooxygenase 4253
cinnamyl-alcohol dehydrogenase 9832
tubulin 6469
Nullisomic analysis (*see* Gene location)
Nut crops
breeding 650
books 4343
reviews 4343
genetic resources 2731-2732
in vitro culture, books 5502
Nutrients
Arabidopsis thaliana 9045, 11189
gene expression 2102, 5565
genetics 9044
molecular genetics 5564
mutations 2099, 3221, 5566, 6657, 9028, 9046
nucleotide sequences 2102
Arachis hypogaea, combining ability 6278
artificial selection 5503
Avena 9178
Avena sativa 9178, 10128
Beta vulgaris, sugarbeet 1837
Brassica juncea 12735
Brassica napus, rape 2736, 12735
Coprinus cinereus, mutations 2005
crops 3352
Cucumis melo, mutations 3900

Nutrients *cont.*
Cydonia oblonga, somaclonal variation 3942
Festuca arundinacea 9825
gene expression 2057, 9084
Gerbera, genotype environment interaction 13003
Glycine max 467, 8284, 9398, 9402, 12463
genetic markers 9403
genetics 9403
Gossypium 12836
Gossypium hirsutum 2896
Hordeum vulgare 3382, 6794-6795, 10113-10115, 10120
Hordeum × *Triticum* 2129
Ipomoea batatas 7247
Lolium perenne 9825, 10347
Lotus corniculatus, genetic transformation 9357
Lycopersicon esculentum 3875, 5026, 8439
gene expression 2582, 8440
mutations 2573
nucleotide sequences 2582, 8440
Malus baccata 8470
Malus xiaojinensis 8470
Manihot esculenta 11612
Musa 3995
Nicotiana benthamiana, genetic transformation 11888
Nicotiana plumbaginifolia
gene expression 10853
nucleotide sequences 10853
Nicotiana tabacum, mutations 9742
Oryza sativa 374-376, 382, 391, 3624, 4733, 4748, 5918-5920, 7052, 10332-10333, 11433, 12376
combining ability 3606
genetic variance 3606
Phaseolus vulgaris 3737-3738, 4856, 9432, 11556, 11558
Pinus sylvestris 10964
Plantago lanceolata 7717
Poa pratensis 2375, 9825
Raphanus sativus 563
Saccharum 11853
Saccharum officinarum 7537
genotype environment interaction 8660
Secale cereale 4579, 5694
Secale × *Triticum,* chromosome translocation 156, 12212
Sesamum indicum 12775
Solanum, tuberous species 3800
Solanum tuberosum 6090
gene expression 8382
nucleotide sequences 8382
Sorghum bicolor 3536, 3546, 6973, 8115-8116, 9268
genotype environment interaction 6971
Trifolium repens 11506
triticale 6887, 10134
genotype environment interaction 11327
heritability 8066
triticale × *Triticum* 7876, 11230
Triticum aestivum 154-155, 163, 1292, 2180, 3352, 4484, 4506, 5634, 6749, 7934-7936, 7938-7939, 7981, 9155, 10067-10069, 11272-11273, 12266
chromosome translocation 156, 12212
combining ability 2181, 4507
genetic variance 2182, 4507
heterosis 2181, 4507
Triticum dicoccoides 11262
Triticum durum 154-155, 2129, 4506, 7982, 9155, 12266
Vicia faba, heterosis 4849
Vigna angularis 4892
Zea mays 3498, 3500-3501, 5824, 6942, 6944, 6946, 9245-9247, 11370-11371
gene expression 8085, 10246
mutations 3491

Nutritive value
Abelmoschus esculentus 3918
Agropyron desertorum, heritability 4773
Cajanus cajan 511

Nutritive value *cont.*
cereals, artificial selection 10031
Cicer arietinum, genotype environment interaction 506
Daucus carota 8396
Ginkgo biloba 10988
grain legumes, genetic engineering 12454
grasses, artificial selection 403
herbage crops, artificial selection 12415
Hordeum vulgare 212, 5678, 10110-10111
Lolium perenne 9329, 10346
polyploidy 403
Macadamia integrifolia 11788
Medicago sativa, combining ability 5978
Morus 784
Olea europaea 4073
Phaseolus vulgaris 3735, 12491
Phleum pratense 11489
Pisum sativum 3759, 9444, 11567, 12505
Sorghum bicolor 3549, 6969, 10276
Trifolium repens 4792
Tripsacum dactyloides 11374
Triticum spelta 149
Vigna 9493
Vigna unguiculata 11580, 12527
Zea mays 289, 6939
genetic variance 2274
heritability 2274
Nymphaea alba, breeding, history 1101
Nymphaea leibergii, taxonomy 6525
Nymphaea tetragona, taxonomy 6525
Oberonia katakiana, taxonomy 11049
Oceanopapaver, taxonomy 5263
Ocimum
fatty acids 5466
oils 5466
taxonomy 1120
Ocimum basilicum
chemotaxonomy 4304, 4307
essential oils 4307, 11080, 13041
flavonoids 4304
plant glands 7730
Pseudomonas cichorii 6548
tissue culture 1984
variety trials 8922
varieties, Sweet Dani 13039
Ocimum citriodorum
chemotaxonomy 4304
flavonoids 4304
Ocimum minimum
chemotaxonomy 4304
flavonoids 4304
Octomeria ffrenchiana, taxonomy 3104
Odontioda
intergeneric hybridization 7704
interspecific hybridization 7704
Odontochilus rotundifolius, taxonomy 12022
Odontoglossum
intergeneric hybridization 7704
interspecific hybridization 7704
Odontoglossum luteopurpureum, taxonomy 6508
Oebalus pugnax, Oryza sativa 5943
Oenothera
chloroplast genetics
evolution 6462
ribosomal RNA 6462
pollination 8846
Oenothera biennis
genetic transformation 5399
tissue culture 5399
Oenothera rosea
varieties
Ballerina Hot Pink 12977
Prima Donna 12977
Oidiopsis *(see also Leveillula)*
Oidium *(see also Leveillula; Uncinula)*
Hevea
combining ability 6362
heritability 6362
Oidium heveae
Hevea brasiliensis
combining ability 8776
heritability 8776
Oidium lini, Linum usitatissimum, linseed 843
Oidium mangiferae, Mangifera indica 10746

Oils
Avena sativa 9179
Brassica juncea 2744

Oils *cont.*
Brassica juncea cont.
genetic variance 10771
induced mutations 6244
Brassica napus, rape 2744, 7477
Empetrum nigrum 10690
Eruca vesicaria, artificial selection 7524
fatty oil plants, genetic engineering 10763
Glycine max 4833
artificial selection 9368
gene mapping 1499
genetic markers 8281
genotype environment interaction 1498
induced mutations 3714
restriction fragment length polymorphism 1499, 8281
stability 9404
Guizotia 10823
Guizotia abyssinica 10823
Helianthus 7487
Helianthus annuus 5185, 7487
gene mapping 6254
restriction fragment length polymorphism 6254
Hyptis suaveolens 5210
Juglans regia 6237
Lesquerella 11843
Lupinus 7111
Lupinus mutabilis 441
Mentha piperita, multivariate analysis 6547
Ocimum 5466
Olea europaea 4070-4073, 6261, 12757-12761
variety classification 6260
Physaria 11843
Pisum sativum 3760
Rubus chamaemorus 10690
Salvia 5210
Sesamum indicum, combining ability 4082
Trifolium alexandrinum 8235
Zea mays 290, 3486, 10239
artificial selection 8096
combining ability 2277

Olea europaea
breeding 6259, 11826
carotenoids 4072
chlorophyll 4072
clonal variation 4066, 11825
compatibility 12753
cuttings 12754
embryo culture 12755
fatty acids 4071, 12759, 12761
fertility 4068, 12753
flowers 4068
fruits 4069
gene expression, cytochrome-*c* oxidase 9683
genetic resources 6259
genetic transformation 12756
genetic variation, isoenzymes 1819
in vitro culture 11834, 12756
mycorrhizas 12754
nucleotide sequences, cytochrome-*c* oxidase 9683
nutritive value 4073
oils 4070-4073, 6261, 12757-12761
variety classification 6260
parthenocarpy 11832
phenolic compounds 4069, 12757
pollen 857, 11830-11831
pollination 11832
Prays oleae 12763
quality 6261, 12758, 12760
salinity 7503, 11835, 12762
seed dispersal 10804
storage, pollen 4067
thinning 4068
tissue culture 11833
variety classification 12759, 12761
variety trials 11827-11828
viruses 4066, 11825
water balance 7503
varieties 11829

Oleic acid
Brassica alboglabra, genetics 10774
Brassica campestris
sarson, genetics 10774

Oleic acid *cont.*
Brassica campestris cont.
turnip rape, genetics 10774
Brassica napus, rape, genetics 10774
Glycine max
genetics 1500
mutations 1500
Helianthus annuus 9678
genetics 2758
Oleosins
Brassica napus
rape 7460
gene expression 8273, 10765
genetic transformation 8273
nucleotide sequences 10765
Glycine max, gene expression 8273
Zea mays
gene expression 6912
genetic engineering 6912
Oligosaccharides, *Pisum sativum* 3758
Onobrychis
breeding 2409
polymorphism
isoenzymes 5995
peroxidases 5995
synthetic varieties 2409
tissue culture 5995
Onobrychis viciifolia
Agrobacterium rhizogenes 1481
chromosome elimination 1481
in vitro selection, methionine 9364
tissue culture 1481, 7119, 9363
variety trials 7114
varieties, Mengnong 444
Ophiobolus *(see Gaeumannomyces)*
Ophiomyia shibatsujii, *Glycine max* 476
Ophiostoma novo-ulmi
Ulmus 6379
Ulmus glabra 4180
Ulmus laevis 4180
Ulmus minor 4180
Ophiostoma ulmi
Ulmus 6379
Ulmus americana, genetic engineering 10930
Ulmus glabra 4180
Ulmus laevis 4180
Ulmus minor 4180
Opines
Lotus corniculatus, genetic transformation 11511
Nicotiana tabacum, genetic transformation 11891
Opuntia brunneogemmia, pollination 8543
Opuntia lindsayi, taxonomy 11780
Opuntia viridirubra, pollination 8543
Orchidaceae
anatomy 12025
chemotaxonomy 3106
chloroplast genetics
NADH dehydrogenase 1977
taxonomy 1977
evolution 12025
genetic resources 1090
hybrid varieties 4283, 5436, 6503
intergeneric hybridization 11040
molecular genetics, phylogeny 13016
mutations, flowers 11042
nomenclature 1978, 12024
nucleotide sequences
NADH dehydrogenase 1977
taxonomy 1977
phenolic compounds 3106
pollen 11043
taxonomy 8888, 8892, 9864, 11050, 12024
varieties 4283, 5436, 6503
Orchis, molecular genetics, phylogeny 13016
Orchis laxiflora
genetic distance, isoenzymes 1092
interspecific hybridization 1092, 11041
restriction fragment length polymorphism, ribosomal DNA 11041
Orchis morio
interspecific hybridization 11041
restriction fragment length polymorphism, ribosomal DNA 11041
Orchis palustris
genetic distance, isoenzymes 1092
interspecific hybridization 1092
Orchis tridentata
accessory chromosomes 3099
chromosome morphology 3099
Orchis ustulata
accessory chromosomes 3099
chromosome morphology 3099
Organelles, genetics 8972
Organic acids
Cyphomandra betacea 10754
Lactuca sativa 12590
Ribes nigrum 758
Ribes rubrum 758
Origanum
hybridization 7734
taxonomy 7734
Origanum onites, essential oils 4310
Origanum vulgare
genetic resources 11078
phenolic compounds 4306
Pseudomonas 4306
tissue culture 3126, 4306
Ornamental ferns, genetic resources 12027
Ornamental herbaceous plants, variety trials 1055, 7670
Ornamental orchids, hybrid varieties 1091, 7702, 13014
Ornamental plants
breeders' rights 1037
breeding, books 1143, 3145
development, reviews 2118
genetic engineering
books 3145
colour 3000
flowers 2994, 3000
morphology 2994
pathogens 3001
genetic resources 1036, 1038, 10990
genetic transformation, reviews 2991
in vitro culture 7655
in vitro selection, pathogens 3001
incompatibility 7655
insects 6419
molecular genetics
books 3148
development 3028
habit 3028
reviews 2992
self incompatibility 2993
variety classification 2995, 11985
viruses 3002
random amplified polymorphic DNA, seed testing 7654
somaclonal variation 2999
somatic embryogenesis 8808
tissue culture 2997-2998
books 3148
reviews 2996
variegation 1908
varieties 8806
Ornamental value
Deschampsia cespitosa 11488
Eucalyptus 1879-1880
Fragaria chiloensis 3973
Helianthus annuus 8594
Malus 1721
Sesleria 11488
Ornithine carbamoyltransferase
Pisum sativum
gene expression 1523
nucleotide sequences 1523
Ornithogalum
inflorescences 8871
leaves 8871
taxonomy 5427
Ornithopus
hybrid varieties 8245
varieties
G20 8245
Grasslands Spectra 8245
Ornithopus compressus, interspecific hybridization 8245
Ornithopus sativus, interspecific hybridization 8245
Orobanche, crops, genetics 7795
Orobanche cernua, Helianthus 2763
Orobanche crenata, *Vicia faba,* genotype environment interaction 480
Orobanche cumana
Helianthus 7487
Helianthus annuus 7487, 8597
Orosius orientalis, Sesamum indicum, combining ability 7519
Orseolia oryzae
Oryza latifolia 3635
Oryza sativa 4751, 5944, 11404, 11447
gene mapping 9313
Orychophragmus violaceus
chromosome morphology 4083
gene expression 866
genetic resources 1602, 4083
genetic transformation 866
Orychophragmus* × *Brassica, intergeneric hybridization 4083, 6245, 9660, 11796
Oryxis, taxonomy 9497
Oryza
anatomy 361
anther culture 4727
chloroplast genetics, evolution 7018
chromosome pairing 5889
DNA hybridization 7021
drought resistance 3627, 10334
embryo culture 9289
esterases 11408
gene expression, heat shock proteins 11437
genetic markers
taxonomy 4731
transposable elements 4731
genetic resources 10286
genomes 5887, 7021
glumes 5906
hybridization 10286
interspecific hybridization 5888-5889, 9289
leaves 361
Magnaporthe grisea 5933
microsatellites, variety classification 12365
nucleotide sequences 5887
peroxidases 11408
random amplified polymorphic DNA
genomes 2355
phylogeny 2355, 3619
taxonomy 7051
repetitive DNA
evolution 7018
variety classification 12365
resorcinols 5933
transposable elements 5887
water balance 10334
wide hybridization 5888
Oryza glaberrima
interspecific hybridization 8144, 12364
polymorphism, isoenzymes 7036
random amplified polymorphic DNA 12364
storage, seeds 7036
weeds 5946
Oryza glumaepatula
cytoplasmic male sterility 4693
genetic variation, isoenzymes 4684
interspecific hybridization 4693
Oryza grandiglumis
chromosome pairing 2326
genetic markers, esterases 1404
interspecific hybridization 2326
Oryza latifolia
cell culture 4722
interspecific hybridization 4722
Nilaparvata lugens 3635
Orseolia oryzae 3635
Scirpophaga incertulas 3635
Sogatella furcifera 3635
Oryza longistaminata, interspecific hybridization 7012
Oryza meridionalis
chromosome pairing 5889
interspecific hybridization 5889
Oryza minuta
embryo culture 2322
interspecific hybridization 1405, 2322, 4690, 10303
Magnaporthe grisea 10338
polyploidy 4690
sterility 4690
Xanthomonas oryzae 1405
Oryza officinalis
genetic markers, esterases 1404
interspecific hybridization 4690, 11408
protoplast fusion 11408

***Oryza punctata*, interspecific hybridization 4685**
Oryza rufipogon
cold resistance 4734
gene mapping 1403
genetic markers, ribosomal RNA 4668
interspecific hybridization 1403, 2327, 4727, 10302
leaves 5897-5898
restriction fragment length polymorphism 1403
variety classification 4666
ribosomal DNA, evolution 4678
Oryza sativa
abnormal development 1408
abscisic acid 11440
acid phosphatase 367
adenosinetriphosphatase 12383
alanine aminotransferase 2340
aluminium 378, 9307
amino acids 2330, 10330
amylopectin 11432
amylose 3618, 7047
aneuploidy 7020, 10304
anther culture 358, 2346-2347, 2349, 2358, 4686, 4725, 4735, 5890, 7041, 7043, 10294, 10309, 10327, 11416, 11428, 12390-12392
apomixis 12375
aroma 2353, 4728, 12398
artificial selection 4657
light 366
Magnaporthe grisea 4747, 8178
male sterility 4747, 5896
photoperiodism 5896
quality 8178
shade 366
soil pH 112, 384
Xanthomonas oryzae 2363
yield components 5910, 11403
yields 10287
breeding 332, 2311, 3572-3574, 4658, 5867, 5870, 10032, 12355, 12357
economics 10285
history 1395
carbon dioxide 3620
catalase 367, 3604
catechol oxidase 5930
cell culture 4722
Cercospora janseana 4744
Chilo suppressalis 11444
chlorophyll 367, 369, 3605
chloroplast genetics 9286
phylogeny 11214
ribosomes 3581
chromosome aberrations 1407, 10304
male sterility 7022
chromosome morphology 2325
chromosome number 1407
chromosome pairing 1407, 2326
Cnaphalocrocis medinalis 5942
Cochliobolus miyabeanus 388, 1418-1419, 4744, 10337
cold resistance 4735, 5924, 7054-7055, 9308, 11440
colour 4659
combining ability
aluminium 1416
amino acids 2354
cytoplasmic male sterility 4692
iron 3606
manganese 3606
nutrients 3606
proteins 2354
quality 1413, 3615
toxic substances 1416
yield components 370, 3610, 4721, 11426
zinc 3606
crop density 8171
cryopreservation 331
cytoplasmic inheritance, shade 5901
cytoplasmic male sterility 367, 2330, 4665, 4686, 4693, 4695, 5895, 7027, 7043, 8148, 8153, 10305, 10309, 11416, 12376
databases 7
development 1395
diallel analysis 7772
digestibility 5915, 10328
discoloration 5939

Oryza sativa* *cont.
Ditylenchus angustus 4750
DNA fingerprinting 4691
DNA repair 8146
domestication 10032
dominance, regenerative ability 7042
dormancy 3600
drought resistance 382, 3625, 3627, 4737, 5921, 7053, 12402
embryo culture 2322, 8167, 9303-9304, 12373
embryo sac 4696
energy resources 8158
epistasis
amylose 2336
quantitative traits 8159
esterases 9296
ethyl methanesulfonate 4707, 4713, 8145, 9299
ethylene 9294
ethyleneimine 10318
flooding 2356-2357, 5879, 5929, 11435, 11438
flowering 4700, 7026, 9293
fungi 381, 4744
gametocides 7028, 8149
gamma radiation 3591-3592, 3612, 4661, 4689, 4707, 4713, 5900, 5908, 8145, 10314-10315, 10327
gene banks 12356
gene expression 5886, 7017
abscisic acid 3579
ACC synthase 5928
adenosinetriphosphatase 7029
aldolase 9298
α-amylase 2344, 3599, 10293
β-amylase 363
amylose 12361
anoxia 12401
anthers 7013
arginine decarboxylase 10335
catalase 10312
chitinase 2314
chloroplasts 1402
chlorosis 3623
cold 3623
cold resistance 7014
development 2334, 6682
DNA binding proteins 5880
drought resistance 11307
endosperm 6915
flooding 5922, 5928
gibberellin oxidase 9295
globulins 1398
glufosinate 3636
growth regulators 3579, 10339
heat shock proteins 11437, 11442
herbicides 3636
heterosis 4462
inflorescences 6682
jasmonic acid 10339
Magnaporthe grisea 10339, 11443
membrane proteins 8138
metallothionein 3582
NADH dehydrogenase 353
phenolic compounds 4750
phospholipase D 386
phytochrome 351
phytoene synthase 9305
plant embryos 2334, 4682
pollen 12361
prolamins 3583
protein kinase 5882
pyrophosphatases 343
pyrroline-5-carboxylate synthetase 8173
regenerative ability 2344
ribosomes 3581
rice dwarf phytoreovirus 7062
RNA polymerase 3623
salinity 8173, 10335
starch synthase 12361
stearoyl-CoA desaturase 7014
stilbene synthase 11443
superoxide dismutase 7011
transcription factors 5883, 8139, 10299
Xanthomonas oryzae 386
gene flow 9315
gene location
drought resistance 3622

Oryza sativa* *cont.
gene location *cont.*
growth period 11420
male sterility 357
photoperiodism 11420
gene mapping 107, 347, 1397, 1403, 2315-2316, 2320, 3580, 4671, 4674, 4679, 4691, 7012, 7020, 8132, 8136, 9283, 9287, 10029, 10297, 12079, 12363, 12366, 12368-12369
aroma 3614
cytoplasmic male sterility 4694
flowering 349
fragrance 11430
glucan branching enzyme 8141
glumes 4677
glutelins 4713
Magnaporthe grisea 1421, 5934, 9311, 12367
naringenin-chalcone synthase 3584
Orseolia oryzae 9313
plant embryos 4714
proteins 4707
quantitative traits 3585, 4681
roots 8157
waterlogging 1415
wide hybridization 9288
Xanthomonas oryzae 3631, 12404
gene tagging, glumes 4677
genetic engineering 11877
actin 11238
amylose 12361
Bacillus thuringiensis 10342
chitinase 2314
4-coumarate-CoA ligase 10296
endosperm 6915
glutamate-ammonia ligase 2335
glutelins 2317
phytochrome 7580
pollen 12361
ribulose-bisphosphate carboxylase 8640
Scirpophaga incertulas 10342
starch synthase 12361
genetic markers 4691, 9283
aroma 3614
drought resistance 3622
esterases 1404
gene banks 11402
height 3608
internodes 3608
isoenzymes 4738
Magnaporthe grisea 4746
male sterility 8150
ribosomal RNA 4668
salinity 4738
seedlings 4704
variety classification 10300
Xanthomonas oryzae 3631
genetic resources 7, 1394, 2311, 3577, 4655-4656, 4659-4660, 5869, 8128-8129, 10286, 11401, 12356-12357
economics 10285
genetic transformation 337, 350, 1400, 2319, 2321, 5878, 5884, 5886, 7010, 7016, 8142, 8164, 11407
abscisic acid 3579
Agrobacterium tumefaciens 4676, 8133
allergens 352
Bacillus thuringiensis 8182
drought resistance 11307
glufosinate 3636, 9315
growth regulators 3579
herbicides 3636, 4676, 9315, 10294
histones 10042
leaves 5885
Magnaporthe grisea 11443
phosphinothricin acetyltransferase 10294
photosynthesis 11418
phytoene synthase 9305
ribulose-bisphosphate carboxylase 11418
rice dwarf phytoreovirus 7062
Scirpophaga incertulas 11445
Sitophilus granarius 8182
stilbene synthase 11443
transposable elements 910
genetic variance
aluminium 10336

Oryza sativa cont.
genetic variance *cont.*
anther culture 1412
iron 3606
manganese 3606
nutrients 3606
quality 4730
quantitative traits 8159
ratooning 8152
regenerative ability 2348
roots 12379
toxic substances 10336
yield components 371, 4717, 4721, 10322
zinc 3606
genetics 10313
α-amylase 3601
amylose 2336, 5914, 5917
anther culture 1412
aroma 7048, 10329
awns 4710
chlorosis 11434
cold resistance 8172
colour 2337, 3593, 7034
cytoplasmic male sterility 2331, 4697, 10306
endosperm 11431
fertility 9292
flowers 7034
fragrance 5916, 11430
gibberellins 12377
growth period 4715
habit 10316
height 365, 4712, 4716, 9297, 12377
leaves 2337, 5885, 7033
lipoxygenase 1409
lysine 11431
Magnaporthe grisea 389, 2364, 3633, 4745, 7060-7061
male sterility 2327, 3595, 8151, 10307-10308
molybdenum cofactor 5904
photoperiodism 1410, 4706, 8151, 10317
photosynthesis 4709
plant hairs 9300
polyembryony 2328
quality 2351, 3616
regenerative ability 4723, 5913
roots 4711, 10315
salinity 5927
seedlings 3593
seeds 4705
sterility 11413
sucrose synthase 5907
temperature 10307
tissue culture 11429
ultraviolet radiation 3630
wide hybridization 8147
Xanthomonas oryzae 1417, 2362-2363, 3632, 4741-4742, 7057-7058, 8175, 12406
yield components 4712
genotype environment interaction 377
drought resistance 385
palatability 7044
quality 12395
water balance 368
yield components 3598, 8169, 12399
germination 8156
germplasm releases 336, 6997, 7056
gibberellic acid 2340
glyphosate 5947
growth period 5903, 5905, 7003
growth regulators 2340, 8149
gynoecium 12374
haploidy 2346, 2358, 4735, 12390
heat resistance 3620, 3629
heat sums 5903
height 1395
herbicides 3602, 5947, 11448-11450, 12408
heritability
aluminium 1416
cold resistance 8172
height 4712
ratooning 8152
regenerative ability 7042
roots 12379
seeds 364
toxic substances 1416

Oryza sativa cont.
heritability *cont.*
yield components 3612-3613, 4712, 4718-4719, 5909, 8163, 10320, 10322, 12388-12389
heterosis
amino acids 2354
development 4701
photosynthesis 10311
proteins 2354
quality 3615, 3617, 12395
seeds 4701
translocation 10311
yield components 370, 2338, 3609-3611, 5891, 5893, 7037-7038, 8160, 11423, 11426
hybrid seed production 2332, 5892
hybrid varieties 4663, 4665
hybridization 10286
(*s*)-2-hydroxy-acid oxidase 367
ideotypes 377
in vitro selection
cold resistance 12403
drought resistance 8174
salinity 2358
stress 11441
inbreeding depression 7037
induced mutations 2324, 4689, 5894, 9290, 11409
chlorophyll 5900
endosperm 11431
glutelins 4713, 12396
growth period 362, 4708
height 362, 4661, 4708, 9299
lysine 11431
Magnaporthe grisea 8145
male sterility 3591
nitrate reductase 10314, 10318
proteins 4707
roots 10315
seeds 8145
xanthine dehydrogenase 10318
yield components 1406, 5908
inflorescences 5902
interspecific hybridization 1403, 1405, 2322, 2326-2327, 4685, 4693, 4722, 4727, 7012, 8144, 10302-10303, 11408, 12364
iron 378
irrigation 7000-7001
isoenzymes 2330, 4703, 9309
leaves 5897-5899, 7030
light 369, 3604
linkage
chlorosis 11436
height 11436
male sterility 357
photoperiodism 4702
lipoxygenase 11417
Magnaporthe grisea 388, 390-391, 1419-1420, 2365, 4740, 4744, 4748, 5933, 5935-5937, 7059, 8177, 8179-8180, 9091, 9312, 10338, 10340-10341
male sterility 354-356, 358-360, 1408, 2329, 3590, 3593-3594, 5891-5892, 7023-7026, 7028, 9293-9294, 11411, 11414
maleic hydrazide 1406
Marasmia exigua 5942
Marasmia patnalis 5942
maternal effects
cold resistance 3628, 4736
quality 12395
N-methyl-*N*-nitrosourea 11431
Microdochium oryzae 4744
microsatellites 2316, 3580
amylose 10292
variety classification 4680, 12365
mitochondrial genetics 338, 4670, 6322, 9285, 10291
adenosinetriphosphatase 339
NADH dehydrogenase 353
modifiers, height 4712
moisture content 4729
molecular genetics 346, 4673
allergens 2313
cytoplasmic male sterility 4698
Magnaporthe grisea 4743
male sterility 11412
pyruvate decarboxylase 5879

Oryza sativa cont.
molecular genetics *cont.*
temperature 11412
Monographella albescens 388
morphology 5942
multivariate analysis 4660
Magnaporthe grisea 392
morphology 3607
yield components 4719, 7050, 9302, 11425
mutagens 362, 1406, 4689, 4707, 4713, 8145, 9290, 9299, 10318, 11431
mutations 10313
chlorophyll 4726
endosperm 11419
fertility 4726
fertilization 3592
gibberellic acid 7035
height 4726, 7035
lysine 10330, 12394
molybdenum cofactor 5904
proteins 12394
roots 2333, 4711
starch 11419
myo-inositol-1-phosphate synthase 3626
Nephotettix nigropictus 5941
Nephotettix virescens 5941
Nilaparvata lugens 393, 2366, 4740, 5940, 8181, 9314
nitrate reductase 2340
nitrogen 391, 4748, 5919-5920, 7052, 10333, 12376
nitrogen fixation 10331
nucleocytoplasmic interaction 7019
nucleotidase 9308
nucleotide sequences 338, 4673, 7016, 9087, 9286, 12366
adenosinetriphosphatase 339, 7029
allergens 352, 8154
amylase inhibitors 8154
anoxia 12401
aspartic proteinase 1399
betaine-aldehyde dehydrogenase 9281
cold resistance 7014
cytoplasmic male sterility 3589
death 8140
development 6682
DNA binding proteins 5880, 7015, 11405
ferredoxin-nitrite reductase 344
gibberellin oxidase 9295
globulins 341, 7015, 8134
glucose-1-phosphate adenylyltransferase 4683
glucose-6-phosphate isomerase 1401
inflorescences 6682
membrane proteins 8138
metallothionein 3582
naringenin-chalcone synthase 12362
nitrate reductase 10314
oryzasin 1399
plant embryos 4682
prolamins 3583, 3587
proteinase inhibitors 9284
proteins 10295
pyrophosphatases 343
pyrroline-5-carboxylate synthetase 8173
ribonucleoproteins 10298
ribosomes 3581
salinity 8173
starch synthase 10292
stearoyl-CoA desaturase 7014
sucrose-phosphate synthase 8135
superoxide dismutase 7011, 9282
transcription factors 5883, 8139, 10299
transposable elements 8143
variety classification 10290
nutrients 374-376, 382, 391, 3624, 4733, 4748, 5918-5920, 7052, 10332-10333, 11433, 12376
Oebalus pugnax 5943
Orseolia oryzae 4751, 5944, 11404, 11447
outcrossing 8153
oxyfluorfen 11449-11450
peroxidases 3604, 7054
phenylacetic acid 4725
phosphorus 5918, 10332

Oryza sativa *cont.*
photoperiodism 354-355, 360, 3593-3594, 5905, 7023, 11411, 11414
mathematics 3603
photosynthesis 381, 3625, 8155, 12381
phytoalexins 8177
pingyangmycin 4689
plant composition 373, 9306, 12397
plant disorders 3634
plant embryos 3597
plant introduction 6998, 12355
plant pigments 359
planting date 8171
pollen culture 4688
pollination 3596, 12374
polymerase chain reaction
cytoplasmic male sterility 9291
hybrid varieties 3588
Xanthomonas oryzae 12405
polymorphism, isoenzymes 7036, 7050, 8147, 12382
potassium 374, 3624, 4733
proteins 356, 367, 376, 2340, 4739, 12383
protoplast culture 4724, 4726, 8166, 10325
protoplast fusion 8164, 11408
quality 2343, 2350, 2352-2353, 4729, 7001, 7049, 10319, 11432, 12384, 12393
mathematics 7045
quantitative traits 8129
radiation 5894
random amplified polymorphic DNA 345, 2316, 4667, 4685, 6322, 7040, 7050, 8137, 12364
aroma 342, 3614
cytoplasmic male sterility 3589, 4694
hybrid varieties 3588
male sterility 8150
salinity 1414
variety classification 5881
waterlogging 1415
regenerative ability 5911, 9304
repetitive DNA 3586, 9087
variety classification 12365
resorcinols 5933
restriction fragment length polymorphism 1396-1397, 1403, 2315, 2318, 2320, 3586, 4667, 4671-4672, 4675, 4688, 7012, 8132, 8136-8137, 9283, 12363, 12369-12371
aroma 342, 3614
cold resistance 5923
cytoplasmic male sterility 4694, 9291
glucan branching enzyme 8141
glumes 4677
glutelins 4713
habit 10316
height 3608
internodes 3608
Magnaporthe grisea 1421, 12367
naringenin-chalcone synthase 3584
photoperiodism 4702
plant embryos 4714
proteins 4707
quantitative traits 3585, 4681
roots 8157, 12380
variety classification 4666, 10300
waterlogging 1415
wide hybridization 9288, 12372
Xanthomonas oryzae 3631, 5931, 9310, 12404-12405
yield components 4669, 5893
ribosomal DNA, evolution 4678
ribulose-bisphosphate carboxylase 367
rice tungro bacilliform badnavirus 4749, 5938
rice tungro spherical waikavirus 4749, 5938
rice tungro virus 1422
roots 3602
salinity 379-381, 3624, 3626, 4739, 11439
Scirpophaga incertulas 4752
seed production 2329
seeds 373, 1408, 2332, 10319, 10330, 12385
senescence 379, 2340
shade 2339, 7030, 10310
silicon 11433

Oryza sativa *cont.*
Sitotroga cerealella 12407
sodium azide 10318
Sogatella furcifera 4740, 5945, 11446
somaclonal variation 4724, 7040, 12371
chlorophyll 4726
cold resistance 383, 12403
fertility 4726
height 4716, 4726
oxidation 5926
plant hairs 9300
salinity 5925
shade 5926
Xanthomonas oryzae 2360
source sink relations 5902, 7031
sowing 11435
space flight 11409
stability
cytoplasmic male sterility 11415
yield components 4732, 8170, 12399
yields 8168
starch 7046
Stenchaetothrips biformis 8183
Steneotarsonemus spinki 394
sterility 4687, 4699, 11410
storage
pollen 331
seeds 7036
straighthead 3634
superoxide dismutase 3604, 7054
Tarsonemus talpae 394
temperature 354, 356, 360, 2329, 2332, 3593, 4699-4700, 7023-7025, 8156, 11411
tillering 12378
Tilletia barclayana 5932, 8176
tissue culture 372, 2319, 5894, 5912, 8165, 10323-10324, 10326, 11427
toxic substances 378, 9307
translocation 3625, 7031, 7052
transpiration 381
transposable elements 340, 4386
tissue culture 2345
ultraviolet radiation 3621, 8146, 9306, 12400
variety classification 2350, 4703, 7032, 9296, 12384-12385
variety trials 5871-5873, 6999-7004, 12358-12359
vascular system 2341
weeds 5946
wide hybridization 2323, 2332, 3616, 4667, 4686-4688, 5890-5891, 7019, 7031, 10301, 10308, 10311, 11410, 12373, 12379
X radiation 2324
Xanthomonas oryzae 1405, 2359, 2361, 4740, 5930, 9309
yeast artificial chromosomes 348, 4677
yield components 12393
multivariate analysis 11421
yield correlations 370-371, 1411, 2339, 2342-2343, 3609, 3612, 4718, 4720, 5908, 7039, 8161-8163, 9301, 10321, 11421-11422, 11424, 12383, 12386-12388
yields 5871, 5907
varieties 3576-3577, 6998
Aravindar 12360
Asamurasaki 8130
Birsa Dhan 106 3575
Birsa Dhan 107 3575
Bright Pearl-1 5877
Dali 7006
Dellrose 7009
Drew 5875
Gang 46A 9279
Hokuriku-142 7005
Huaidao 3 9280
IET7956 333
Il You-92 4663
Ilyou-838 9278
Itapemirim 2312
Jackson 7008
Jaldi Dhan-3 10289
Khushboo 5874
Laguna 6681
Liangyou Peite 5876
M01.20-19-4 4661
Maxie-63 4665
MDU4 334

Oryza sativa *cont.*
varieties *cont.*
Meguriai 10288
Minyan Nuo 9277
Okiniiri 8131
PNR546 335
PY5 12360
Ratnagiri-3 11404
Xiangwanxian-5 3578
Yugeng-5 4664
Yumetoiro 7005
Zaoxian-28 4662
Zhongsi-2 9276
Zhongyin-85 7007
Oryza **(×)** ***Daucus,*** protoplast fusion 556
Oryzasin, *Oryza sativa,* nucleotide sequences 1399
Osmotin
Atriplex nummularia, genetic engineering 2835
Nicotiana tabacum
gene expression 2835, 3162, 10852
genetic engineering 3162
genetic transformation 2835
Solanum tuberosum
gene expression 3162
genetic engineering 3162
Osmunda regalis
in vitro culture 7707
vegetative propagation 7707
Osteospermum ecklonis
varieties
Kwazulu 8840
Sunny Gustaf 8835
Sunny Lady 8836
Swazi 8837
Volta 8838
Zimba 8839
Ostrinia nubilalis
Zea mays 311, 5838
genetic transformation, *Bacillus thuringiensis* 24
Otiorhynchus sulcatus, *Fragaria ananassa* 3962
Oulema melanopus, *Triticum aestivum* 4537
Outcrossing 11708
Abies alba 10977, 11972
Acacia auriculiformis 973
Banksia ericifolia 4224
Banksia spinulosa 4224
Brassica 8560
Brassica campestris 830
Brassica napus
rape 1772, 8570, 9662
reviews 7439
Brassica oleracea 1610
Brassica × *Eurocastrum* 11795
Brassica × *Raphanus* 11795
Caladenia tentaculata 6506
Clarkia tembloriensis 9834
Dioscorea cayenensis 11616
Dioscorea rotundata 11616
Eucalyptus argutifolia 7622
Eucalyptus globulus 5282
Eucalyptus grandis 964
Eucalyptus regnans 10901
Glycine max 9378
Glycine soja 7138
Gossypium 6347
Gossypium hirsutum 9765
Juglans regia 812
Larix decidua 1022
Larix occidentalis 5324
Lathyrus sativus 7117
mathematics 2032
Nothofagus 4184
Oryza sativa 8153
Phaseolus vulgaris 6039
Picea mariana 1012
Posidonia australis 13051
Prunus cerasus 11707
Pseudotsuga menziesii 10980
Quercus macrocarpa, genetic markers 2933
Quercus petraea 6368
Quercus robur 6368
Santalum album 5467
Trifolium repens 1461
Trillium erectum 12991
Trillium grandiflorum 12991
triticale 6853

Outcrossing *cont.*
Triticum aestivum 1280
Triticum durum 5615
Overdominance (*see* Heterosis)
Ovule culture
Allium cepa 571, 573, 3831, 8416
Alstroemeria 6492
Alstroemeria ligtu 9852
Alstroemeria pelegrina 9852
Arachis cardenasii 12767
Arachis hypogaea 12767
Beta vulgaris
beetroots 8407
sugarbeet 4096-4097
Brassica × *Sinapis* 6243
Citrus × *Poncirus* 797
Cyclamen graecum 1970
Cyclamen persicum 1970
Fagopyrum esculentum 2367
Fagopyrum tataricum 2367
Gerbera jamesonii 6476
Lilium callosum 3090
Lilium longiflorum 3088-3090
Lilium maculatum 3088-3089
Lycopersicon chilense 9551
Lycopersicon esculentum 9551
Lycopersicon peruvianum 9551
reviews 11209
Triticum aestivum 11259
Tulipa 6501
Tulipa gesneriana 6501
Zingiber officinale 11075
Ovules
Arabidopsis thaliana, gene expression 61
Brassica campestris
sarson, inbreeding depression 12728
toria, inbreeding depression 12728
Brassica napus, rape, ultrastructure 11798
Clivia miniata 8870
Gossypium barbadense, techniques 10873
Paeonia tenuifolia 12984
Petunia, ultrastructure 11798
Pseudotsuga 2987
Trifolium dubium 11503
Trifolium pratense 8234
Vitis vinifera 11750
Oxadiazon, *Zea mays* 10170
Oxalic acid
Brassica napus
rape
in vitro selection 12737
induced mutations 12737
β-*N*-oxalyl-L-α-β-diaminopropionic acid, *Lathyrus sativus* 7118
Oxidants, *Gossypium hirsutum, in vitro* selection 4145
Oxidation
gene expression 11134
Nicotiana tabacum, genetic transformation 9750
Oryza sativa, somaclonal variation 5926
Oxidoreductases
Glycine max
gene expression 11523
mitochondrial genetics 11523
Helianthus, gene expression 10788
Helianthus annuus, nucleotide sequences 6253
Nicotiana tabacum
gene expression 2845
genetic transformation 9728
Oxycoccus (*see Vaccinium*)
Oxyfluorfen
Oryza sativa 11449-11450
Zea mays 10170
Oxygenases
Lycopersicon esculentum
gene expression 10592
gene mapping 10592
nucleotide sequences 10592
Ozone
Arabidopsis thaliana, mutations 83
Atriplex canescens, molecular genetics 9322
Betula pendula 12856-12857
Betula pubescens 12856
Nicotiana tabacum, genetic transformation 10864
Petroselinum crispum
gene expression 6544
Ozone *cont.*
Petroselinum crispum cont.
nucleotide sequences 6544
Phaseolus vulgaris 8310
Picea abies 10970
Spinacia oleracea 9541
Pachymetra chaunorhiza
Erianthus arundinaceus 8667
Saccharum 8667
Saccharum officinarum, gene expression 10832
Saccharum spontaneum 8667
Pachyrhizus
breeding, books 1145
genetic resources, books 1145
molecular genetics 9924
Paclitaxel
Taxus baccata 1907, 6413
Taxus cuspidata 6413
Taxus media 6413
Paeonia
random amplified polymorphic DNA, variety classification 7680
taxonomy 12004
Paeonia lactiflora, varieties, Taebaekjakyak 9827
Paeonia ostii, chromosome morphology 3055
Paeonia suffruticosa, forcing 5361
Paeonia tenuifolia
cytology 12984
ovules 12984
pollen 12984
Palatability
Agropyron desertorum 2380
Amaranthus 3855
Betula pendula 10897
Elymus lanceolatus 2380
Elymus spicatus 2380
Oryza sativa, genotype environment interaction 7044
Palmitic acid
Glycine max
genetics 4831, 4834-4835
genotype environment interaction 2425
induced mutations 4831
Panax notoginseng
random amplified polymorphic DNA 7725
tissue culture 7725
Panax pseudoginseng, somatic embryogenesis 1993
Panax quinquefolius
ginsenosides 4301
random amplified polymorphic DNA 7712
Pandorea jasminoides, varieties, Southern Belle 3021
Panicum antidotale, forage 8118
Panicum coloratum
genetics
leaves 4638
malate dehydrogenase 4638
Panicum maximum
flowering 3555
seed production 2303, 3555
Panicum miliaceum
genetics
maize dwarf mosaic potyvirus 10278
sugarcane mosaic potyvirus 10278
Panicum nutabundum, taxonomy 324
Panicum sendulskyii, taxonomy 324
Panicum sumatrense
Atherigona pulla 12342
heritability, yield components 5858
leaves 12342
waxes 12342
Panicum virgatum
breeding 3554
chloroplast genetics 9272
chromosome number 1389
DNA 9272
energy resources 3554
genotype environment interaction
canopy 11388
tillering 11388
growth period 11389
polyploidy 1389, 9272
varieties, Shawnee 6980
Panolis flammea, Pinus contorta 7645
Panonychus ulmi, Malus pumila 6180
Papain, *Carica papaya* 1753, 12700
Papaver
alkaloids, techniques 5460
restriction fragment length polymorphism, phylogeny 6538
Papaver rhoeas
protein kinase 1106
self incompatibility 1106-1107
Papaver somniferum
alkaloids 5461
breeding 11058
chromosome pairing 1987
ethyl methanesulfonate, statistics 13023
gene expression
berberine bridge enzyme 9873
DOPA 4303
fungi 4303
tyrosine 4303
genetic engineering, alkaloids 12037
genetic transformation 9874
genetic variance
Peronospora arborescens 3121
yield components 1990, 5458, 6532
genetics, alkaloids 11058
heritability, yield components 7721
induced mutations, statistics 13023
morphine 5461
multivariate analysis, yield components 7720, 13029
mutagens, statistics 13023
nucleotide sequences, berberine bridge enzyme 9873
tissue culture 1110
variety trials 6673, 10017
yield correlations 13029
Papaveraceae
evolution 4444
gynoecium 4444
Papaya ringspot potyvirus
Carica 806, 9644
Carica papaya 806
genetic transformation 7424, 9642-9644
forest trees, genetic transformation 806
Paphiopedilum helenae, taxonomy 5437, 6509
Parasponia andersonii
gene expression, haemoglobin 9354
promoters, haemoglobin 9354
Parsonsia, taxonomy 11066
Parthenium argentatum
apomixis 5274, 5276
breeding 5274
chromosome number 5276
genetic transformation 5275
genetic variation, isoenzymes 5276
heterosis 5274
polyploidy 5276, 11916
resins 11917
rubber 11917
seed treatment 5277
sowing 5277
yield correlations 11917
Parthenocarpy
Borassus flabellifer 6385
Cucumis melo 2617
Lycopersicon esculentum 5010
gene expression 1649
Olea europaea 11832
Vaccinium ashei 11741
Vitis vinifera 771
Parthenogenesis
Actinidia deliciosa 9616
Allium tuberosum 7265
Triticum aestivum 9116
Zea mays 10187, 10194
Paspalum, taxonomy 10368
Paspalum distichum
compatibility 11483
pollination 11483
Paspalum minus, apomixis 11487
Paspalum notatum, chromosome number 9335
Paspalum scrobiculatum
genetic variance, yield components 3667
genotype environment interaction
growth period 9338
height 9338
yield components 12429
heritability, yield components 3667

Paspalum scrobiculatum *cont.*
stability, yield components 12429
yield correlations 3667
Passiflora caerulea, *Pseudaulacaspis pentagona* 809
Passiflora edulis
genetics, self incompatibility 9647
Pseudaulacaspis pentagona 809
Passiflora foetida, tissue culture 5162
Passiflora loefgrenii, taxonomy 11781
Passiflora suberosa, protoplasts 7426
Passiflora trialata, taxonomy 6231
Patatin
Arabidopsis thaliana
gene expression 4910
genetic transformation 4910
induced mutations 4910
Solanum tuberosum
gene expression 4910
genetic engineering 4910
nucleotide sequences 11602
Paternal effects
Pharbitis purpurea, Colletotrichum dematium 6482
reviews 4436
Solanum phureja, haploidy 4906
Solanum tuberosum, haploidy 4906
Pathogenesis-related proteins
Amaranthus caudatus
gene expression 397
genetic engineering 397
Arabidopsis thaliana
gene expression 1221, 5572, 7844, 9993, 11195, 12156
mutations 5570, 7844
nucleotide sequences 5570, 5572, 11195, 12156
Avena sativa, gene expression 1342
Castanea sativa
gene expression 5166
nucleotide sequences 5166
genetics 6609
Glycine max, gene expression 6019
Hordeum vulgare
gene expression 8037
nucleotide sequences 8037
Lilium longiflorum
gene expression 13009
nucleotide sequences 13009
Medicago sativa, gene expression 4791, 5979
Mirabilis jalapa
gene expression 397
genetic engineering 397
Nicotiana tabacum
gene expression 397, 1861, 3162, 5248, 5250-5251, 8702, 9752-9753, 10604, 11895
genetic engineering 3162
genetic transformation 397, 1865, 5250, 9753
nomenclature 6609
Petroselinum crispum
gene expression 3129, 6544
nucleotide sequences 6544
Solanum tuberosum
gene expression 3162, 9513
genetic engineering 3162
Pathogens 11123
Arabidopsis thaliana, gene mapping 7843
biotechnology 12096
Cajanus platycarpus 9480
crops
genetics 2045
genotype mixtures 7781
molecular genetics 7780, 7786
mutations 7780
crossing over 8102
evolution 19, 21, 9937, 11213
gene expression, reviews 8966
genetics 2042-2043, 11213
books 7791, 8955
mathematics 7782
molecular genetics 7787
ornamental plants
genetic engineering 3001
in vitro selection 3001
population genetics 7784
mathematics 7783
recombination 8102
Pathogens *cont.*
Saccharum officinarum, genetic transformation 11849
Paulownia, tissue culture 7637, 7661
Pea seed-borne mosaic potyvirus, *Pisum sativum* 499
Peanut bud necrosis tospovirus
Arachis hypogaea 860
germplasm releases 7512
Peanut mottle potyvirus
Arachis 9689
Arachis hypogaea 9689
Peanut stripe potyvirus
Arachis 9689
Arachis hypogaea 9689
Peanut stunt cucumovirus, *Trifolium pratense,* genetic transformation 10384
Pectate lyase
Fragaria ananassa
gene expression 12666
nucleotide sequences 12666
Medicago sativa
gene expression 4788
nucleotide sequences 4788
Musa
gene expression 12684
nucleotide sequences 12684
Solanum tuberosum, genetic transformation 10541
Pectinesterase
Arabidopsis thaliana, nucleotide sequences 7814
Phaseolus vulgaris
gene expression 1511
nucleotide sequences 1511
Vigna radiata
gene expression 521
nucleotide sequences 521
Pegomya betae, Beta vulgaris, sugarbeet 10841
Pelargonium
alkaloids 5360
aroma 9808
breeding 5332
chemotaxonomy 5360
chromosome number 3025
clonal variation, essential oils 13045
evolution 3025, 9818
flowers 9818
genetic transformation 6429, 9810
phylogeny 1921
pollination 9818
random amplified polymorphic DNA 9809
restriction fragment length polymorphism, naringenin-chalcone synthase 10997
taxonomy 11004
books 12065
tissue culture 9810
variety trials 9808
varieties, L'Elégante 1039
Pelargonium domesticum
embryo culture 6438
genetic transformation 3023
somaclonal variation 6438
Pelargonium glabriphyllum, taxonomy 5410
Pelargonium hortorum
gene expression
ACC oxidase 12920
ACC synthase 12920
ethylene 12920
growth regulators 12920
pollination 12920
genetics
anacardic acids 11009
plant hairs 11009
growth regulators 1049
interspecific hybridization 10997
nucleotide sequences
ACC oxidase 12920
ACC synthase 12920
stearoyl-CoA desaturase 3024
somatic embryogenesis 1049, 6435, 7662
Tetranychus urticae 11009
tissue culture 5353, 7662
variety trials 8809
Pelargonium quinquelobatum, interspecific hybridization 10997
Pelargonium tripalmatum, taxonomy 5409
Pelargonium zonale
development 9812
DNA 9812
pollen 9812
Pellicularia *(see also Thanatephorus)*
Pendimethalin
Glycine max 8290
Zea mays 10170
Penicillium chrysogenum, *Hordeum vulgare* 9174
Pennisetum
apomixis 12346
chromosome number 6989
embryo culture 5861
fertility 5861
fluorescence *in situ* hybridization, ribosomal DNA 325
genomes 6989
hybrid seed production 11391
interspecific hybridization 5861
polymorphism, isoenzymes 12346
polyploidy 12346
varieties, Co3 3561
Pennisetum americanum *(see Pennisetum glaucum)*
Pennisetum glaucum
artificial selection 4645
cold resistance 11397
germination 11397
Puccinia substriata 8124
Atherigona 4653
breeding 4454-4456, 4643-4644, 4646-4647, 12345
Chilo partellus 2301
combining ability
Claviceps purpurea 6990
Sclerospora graminicola 11396
yield components 3563, 6990, 11395-11396, 12348, 12352
composite varieties 4645
cytoplasmic inheritance, yields 9275
cytoplasmic male sterility 2306, 3564, 8122, 12348
forage 6991
fungi 11392
gene mapping
ribosomal DNA 8121
sex 1391
genetic resources 4455, 4646, 6984
genetic variance
Puccinia substriata 11399
salinity 3568
yield components 8123, 12344
genetics
apomixis 12349
cytoplasmic male sterility 3562
development 12349
Puccinia substriata 6994
Sclerospora graminicola 5864
genotype environment interaction
drought resistance 329
yield components 6992
germplasm releases 6985
height 12350
heritability
Puccinia substriata 11399
yield components 325, 12350-12351
heterosis
digestibility 5863
forage 5863
growth period 11394
yield components 6991, 11394, 12352
hybrid seed production 9274, 11393
hybrid varieties 12345
hybridization 12347
induced mutations
Claviceps purpurea 6990
yield components 6990
interspecific hybridization 1391, 2307-2308, 3561, 9274, 11391, 12350
leaves 9080, 11220
male sterility 326, 3563, 11393, 12347
multivariate analysis 6991
mutations
apomixis 12349
development 12349
hydroxycinnamic acid 111
lignin 111
nucleocytoplasmic interaction, yields 9275
plant composition 11220

Pennisetum glaucum *cont.*
plant embryos 3565
plant introduction 4454, 4457
pollination 11393
Puccinia substriata 4652
restriction fragment length polymorphism
ribosomal DNA 8121
sex 1391
Sclerospora graminicola 2310, 4651
techniques 6993
seed production 2307, 4456
sexual reproduction 10280
size 10280
somatic embryogenesis 3565
tillering 3566
Tolyposporium penicillariae 11398
transpiration 9080
ultrastructure 3565
variety trials 4457-4459, 4643-4644, 4648-4650, 5860, 8120, 11392
yield correlations 327, 3566-3567
varieties
Benkadi Nio 6988
ICMV-IS88102 6988
Okoa 6987
SDMV89004 6986
TSPM91018 6987
Pennisetum mollissimum
gene mapping, sex 1391
interspecific hybridization 1391
restriction fragment length polymorphism, sex 1391
Pennisetum pedicellatum
genetic variance, yield components 10281
heritability, yield components 10281
Pennisetum purpureum
genetic variance, yield components 12353
genetics, height 2308
height 12350
heritability, yield components 12350, 12353
hybrid seed production 9274
induced mutations
carotenoids 5862
chlorophyll 5862
interspecific hybridization 2307-2308, 3561, 9274, 11391, 12350
pleiotropy, height 2308
seed production 2307
somaclonal variation 2309
Pennisetum squamulatum, apomixis 11461
Pennisetum violaceum
gene mapping
ribosomal DNA 8121
sex 1391
interspecific hybridization 1391
restriction fragment length polymorphism
ribosomal DNA 8121
sex 1391
Pennisetum* × *Cenchrus, intergeneric hybridization 5861
Pennisetum* × *Triticum, intergeneric hybridization 7929
Pentaclethra macrophylla, genetic resources 10820
Pentatomidae, *Glycine max* 3718
Pentosans, *Secale cereale* 3415
Peperomia alwynii, taxonomy 9887
Peperomia obtusifolia, tissue culture 8901
Pepper mild mottle tobamovirus, *Nicotiana benthamiana,* gene expression 1862
Pepper veinal mottle potyvirus
Capsicum 2611
Capsicum annuum, genetics 1687
Peregrinus maidis, *Sorghum bicolor* 3552
Perennial habit, *Lolium boucheanum* 408
Pericallis, nomenclature 13000
Perileucoptera coffeella, *Coffea* 11873
Perilla, tissue culture 1984
Perilla frutescens
varieties
lpdlkkae-1 9544
Saeyeopcildlkkae 6295
Bagsangdlggae 1829
Perilla setoyensis, taxonomy 5472
Peronosclerospora sorghi
Sorghum bicolor 4634
Zea mays 11368
genetic variance 1380
Peronosclerospora sorghi *cont.*
Zea mays cont.
heritability 1380
Peronospora arborescens, Papaver somniferum, genetic variance 3121
Peronospora parasitica
Arabidopsis thaliana
gene expression 3245, 11196
gene mapping 1222, 11196
genetics 1223, 3245
nucleotide sequences 11196
Brassica, genetics 1223
Brassica campestris
artificial selection 4052
pleiotropy 4052
Brassica oleracea 1632
broccoli 4956
cabbages 6121
Peronospora sparsa, Rosa 12968
Peronospora tabacina
Nicotiana tabacum 6334
artificial selection 6335
Peroxidases
Arabidopsis thaliana
gene expression 6638
nucleotide sequences 6638
Cajanus cajan
induced mutations 8339
polymorphism 8339
Camellia sinensis, heterosis 2824
Glycine max 8285, 10412
techniques 4822
Gossypium arboreum, genetics 2878
Gossypium hirsutum 2901
genetics 2878
Hordeum vulgare
gene expression 3391, 6797
genetic engineering 6797
Ipomoea batatas
gene expression 12564
nucleotide sequences 12564
Lentinus tigrinus 6555
Linum usitatissimum
flax
gene expression 5261
nucleotide sequences 5261
Lycopersicon esculentum 8445
Malus 6173
genetic variation 1722
Malus pumila 6173, 6179
Medicago sativa
gene expression 2398
nucleotide sequences 2398, 8228
Medicago truncatula, gene expression 9347
Nicotiana benthamiana, genetic transformation 6797
Nicotiana sylvestris
gene expression 8697
genetic transformation 8697
Onobrychis, polymorphism 5995
Oryza 11408
Oryza sativa 3604, 7054
Petunia hybrida, gene expression 3073
Pleurotus ostreatus 6555
Secale cereale 7951
Solanum tuberosum 2495
Tamarindus indica, variety classification 2726
Tradescantia, induced mutations 1097
Triticum 7951
Triticum aestivum 6246, 12249
polymorphism 10052
Zea mays 5790
polymorphism 9230
sweetcorn, genetics 5813
Zingiber officinale, variety classification 1995
Persea americana
DNA fingerprinting, phylogeny 5154
genetic markers, heterozygosity 4005
pollen germination 8531
repetitive DNA, phylogeny 5154
varieties
Eden 12701
Gwen 8530
Persistence
Chamomilla recutita 11068
Desmodium heterocarpon, artificial selection 11517
Lolium perenne 9330, 11474
Persistence *cont.*
Phalaris aquatica 10365
Trifolium repens 434, 1467
artificial selection 10382
Trifolium subterraneum 1466
Persoonia mollis, genetic variation, isoenzymes 5348
Pesticides
Allium cepa 1599
Brassica campestris, sarson, *in vitro* selection 4054
Fragaria ananassa 3974
Hordeum vulgare 204
Lycopersicon esculentum
gene expression 7320, 11644-11645
genetics 11644
nucleotide sequences 7320
Zea mays, genetic transformation, *Bacillus thuringiensis* 24
Pests
artificial selection 12103
biotechnology 2040
crops, genetic transformation 6608, 6618
genetic engineering, reviews 8964
genetic markers 3161
genetic transformation 6607, 12103
genetics 9939
Gossypium hirsutum 8738
linkage 9939
Lycopersicon 5030
Lycopersicon esculentum 5032
gene mapping 5031
reviews 612
Musa, genetic transformation 10725
Salix eriocephala 10925
Salix sericea 10925
Sorghum bicolor 4622
temperate fruits 653
Vigna unguiculata 4887
Zea mays 6947
gene location 304
Petroselinum crispum
gene expression
caffeoyl-CoA methyltransferase 6546
4-coumarate-CoA ligase 2851
Glomus fasciculatum 13042
heat shock proteins 6544
injuries 2851
MAP kinase 12046
ozone 6544
pathogenesis-related proteins 3129, 6544
Phytophthora sojae 12046, 13042
ultraviolet radiation 9891
nucleotide sequences
caffeoyl-CoA methyltransferase 6546
DNA binding proteins 9890
Glomus fasciculatum 13042
heat shock proteins 6544
MAP kinase 12046
ozone 6544
pathogenesis-related proteins 6544
Phytophthora sojae 12046, 13042
Septoria apiicola 10585
Petroselinum* × *Apium, intergeneric hybridization 10585
Petrova metallica, Pinus ponderosa 4197
Petunia
compatibility 5414
genetic engineering
chitinase 3911
naringenin-chalcone synthase 12877
genetic transformation 1965
anthocyanins 6487
genetics, anthocyanins 6487
interspecific hybridization 5414
mutations, anthocyanins 6487
ovules, ultrastructure 11798
recombination 1965
taxonomy 4452
varieties
Revolution Brilliant Pink 1075
Revolution Brilliant Pink-Mini 1076
Revolution White 1077
Petunia hybrida
anthocyanins 6486
cell cycle 9846
DNA methylation 12009
ethyl methanesulfonate 3071-3072
gene expression
anthocyanins 6486, 11028

Petunia hybrida *cont.*
gene expression *cont.*
colour 11028
development 5415, 9849
flowers 5415, 11028
gibberellins 5415
naringenin-chalcone synthase 5413, 12008
peroxidases 3073
proteinases 3073
regenerative ability 3073
seeds 9849
gene mapping 6485, 7686
genetic engineering
colour 6417
flowers 6417
naringenin-chalcone synthase 12008
genetic transformation 9846-9847
Agrobacterium tumefaciens 5413
ethylene 9007
flowers 1079
naringenin-chalcone synthase 1079, 5413
senescence 9007, 9848
grafting 3071
growth regulators 6486
induced mutations, habit 3071
maternal effects
development 9849
seeds 9849
molecular genetics, protein kinase 9001
mutagens 3071-3072
mutations
development 9849
habit 3072
seeds 9849
nucleotide sequences
anthocyanins 11028
colour 11028
development 5415
flowers 5415, 11028
gibberellins 5415
proteins 1078
transcription factors 8857
pollination 13004
polymerase chain reaction, proteins 1078
self incompatibility 13004
tissue culture 12009
varieties
Lavender Storm 5384
Revolution Purple Pink 1074
Petunia inflata
genetic transformation
ribonucleases 7687
self incompatibility 7687
Petunia integrifolia
varieties
Desert Light 3069
Dusky Light 3070
Hush Light 4272
Hush White 4272
Magenta Light 4270
Mauve Light 4271
Number-1 3069
Pink Light 4273
Tiger Light 4274
Peucedanum
fruits 13027
taxonomy 13027
Phacelia dubia
mutations
flowers 6471
gynoecium 6471
Phaeoisariopsis griseola, Phaseolus vulgaris 8313
Phaeosphaeria maydis, Zea mays 10261
Phakopsora pachyrhizi, Glycine max 9411, 10433
Phalaenopsis, nucleotide sequences, acyl-CoA oxidase 12020
Phalaenopsis chuxiongensis, taxonomy 9863
Phalaenopsis violacea, mutations, colour 13015
Phalaris aquatica
artificial selection, soil pH 422
backcrossing, soil pH 422
breeding 8193
grazing 10365
interspecific hybridization 422
persistence 10365
tillering 10365
Phalaris aquatica *cont.*
varieties, Landmaster 8215
Phalaris arundinacea
artificial selection, soil pH 422
backcrossing, soil pH 422
interspecific hybridization 422
Phalaris coerulescens
gene expression
pollen germination 10362
self incompatibility 10360
molecular genetics, self incompatibility 10360
nucleotide sequences, pollen germination 10362
Pharbitis limbata
cytoplasmic inheritance 9829-9830
interspecific hybridization 9829
restriction fragment length polymorphism 9829
Pharbitis nil
cytoplasmic inheritance 9829
gene expression
germin 1952
naringenin-chalcone synthase 12995
genetics
colour 12994
flowers 12994
interspecific hybridization 9829
nucleotide sequences
germin 1952
naringenin-chalcone synthase 12995
restriction fragment length polymorphism 9829
Pharbitis purpurea
cytoplasmic inheritance 3057, 9830
evolution, naringenin-chalcone synthase 11017
gene expression, naringenin-chalcone synthase 12995
nucleotide sequences, naringenin-chalcone synthase 11017, 12995
paternal effects, *Colletotrichum dematium* 6482
Pharmaceutical products
Allium cepa 10571
genetic transformation 6614, 9952, 11144
Phaseolin
Nicotiana tabacum, genetic transformation 3727
Phaseolus lunatus 1513
Phaseolus vulgaris 4853
gene expression 11553
gene mapping 481
genetic engineering 3727
molecular genetics 7169
restriction fragment length polymorphism 481
Phaseolus
breeding 12484
chromosome morphology 8304
enzyme inhibitors 7125
genetic resources 7172
genetic transformation 12453
interspecific hybridization 12484
taxonomy 7125, 7172
Phaseolus acutifolius
Agrobacterium rhizogenes 3726
Agrobacterium tumefaciens 3726
arginine 9434
genetic transformation, arcelin 4852
genetics, *Xanthomonas axonopodis* 1517, 3740
interspecific hybridization 1517, 8304
salinity 9434
Phaseolus coccineus
embryo culture 6043, 12486
interspecific hybridization 6043, 12486
Phaseolus helvolus, nomenclature 8309
Phaseolus lunatus
gene flow 8302
genetic resources 4850
genetics
alcohol dehydrogenase 10453
malate dehydrogenase 10453
phosphoglucomutase 10453
phaseolin 1513
population genetics 8302
random amplified polymorphic DNA
taxonomy 11557
variety classification 11557
Phaseolus polyanthus
embryo culture 6043
interspecific hybridization 6043
Phaseolus vulgaris
Agrobacterium rhizogenes 3726
Agrobacterium tumefaciens 3726
air pollution 8310
aluminium 4861
amplified fragment length polymorphism 2445
arginine 9434
artificial selection
drought resistance 6048
Pseudomonas syringae 12495
bean common mosaic potyvirus 2455, 3742
bean golden mosaic bigeminivirus 4866
breeding 3723, 12484
calcium 3729, 11556
centres of origin 11555
chloroplast genetics 8301
choline 484
chromosome aberrations 12487
chromosome translocation 1512
Colletotrichum 484
Colletotrichum lindemuthianum 1518, 10463
combining ability 7168
quality 12492
Corticium rolfsii 2453
crop mixtures, *Zea mays* 1516
development 11555
diallel analysis 7168
drought resistance 4862-4863
embryo culture 6043, 12486
evolution 3736
flavonoids 3734
fruits 2454
Fusarium oxysporum 487, 10463
gamma radiation 2447, 12488
gene banks 12078
gene expression
adenosinetriphosphatase 4859
canavalin 7124
chitinase 6096
Colletotrichum lindemuthianum 12496
gibberellin oxidase 8249
glutamate-ammonia ligase 2446
naringenin-chalcone synthase 3728, 9430, 11554
nodulation 4859
pectinesterase 1511
phaseolin 11553
phenylalanine ammonia-lyase 9732
polygalacturonase 12496
seeds 11553
senescence 3730
zeatin *O*-xylosyltransferase 12485
gene mapping, phaseolin 481
genetic engineering 4852
chitinase 3911, 6096
glutamate-ammonia ligase 2446
naringenin-chalcone synthase 3728, 9430, 11554
phaseolin 3727
genetic markers
bean common mosaic potyvirus 6051
quality 10458
genetic resources 2445, 6037, 6042, 7167, 10448, 11558, 12483
genetic transformation 10451-10452, 11552
Agrobacterium tumefaciens 3726
canavalin 7124
genetic variance 7168
quality 12492
yield components 8306, 8308
genetics
abnormal development 4854
bean common mosaic potyvirus 488, 8314
bean golden mosaic geminivirus 9436
Colletotrichum lindemuthianum 485, 9435
colour 3731-3732, 12490
cytoplasmic male sterility 12489
flowering 10460
leaves 4854
photoperiodism 1514
Pseudomonas syringae 10461

Phaseolus vulgaris *cont.*
genetics *cont.*
seeds 3731-3732
temperature 1514
Uromyces appendiculatus 1520
viruses 6052
Xanthomonas axonopodis 1517, 2452, 3740
Xanthomonas campestris 10460
genotype environment interaction
quality 6045
yield components 6045
habit 10454
hard seeds 6044
heat 482
heat resistance 8311
herbicides 490
heritability
bean golden mosaic geminivirus 9436
quality 6045, 10458
Rhizoctonia solani 11559
Xanthomonas axonopodis 4864
yield components 3733, 6045, 8306, 8308
in vitro culture 4855
induced mutations 8303, 12487-12488
chlorophyll 2447
colour 2447
seeds 2447
interspecific hybridization 1517, 4855, 6043, 8304, 12484, 12486
lasers 12487
leaves 11555
lectins 12491
linkage
bean common mosaic potyvirus 4865
flowers 10455
fruits 10455
leaves 10455
Thanatephorus cucumeris 3739
Uromyces appendiculatus 3739
Xanthomonas axonopodis 3739
Xanthomonas campestris 10462
Macrophomina phaseolina 486
mechanical damage 4860
molecular genetics 12078
phaseolin 7169
multivariate analysis, quantitative traits 3736
mutagens 8303, 12488
nitrogen fixation 4858, 9432
nodulation 4856, 4858
nucleotide sequences
adenosinetriphosphatase 4859
gibberellin oxidase 8249
nodulation 4859
pectinesterase 1511
zeatin *O*-xylosyltransferase 12485
nutrients 3737-3738, 4856, 9432, 11556, 11558
nutritive value 3735, 12491
outcrossing 6039
ozone 8310
Phaeoisariopsis griseola 8313
phaseolin 4853
phosphorus 3737-3738, 4856, 9432, 11558
photosynthesis 6040-6041, 11555
phytohaemagglutinins 4853
pollen 482
pollen germination 482
polymerase chain reaction, bean common mosaic potyvirus 4865
proteins 6047
Pseudomonas 484
quality 1515, 2450, 3735, 6044, 6046, 7171, 10463, 12493
random amplified polymorphic DNA 9431
bean common mosaic potyvirus 6051
bean golden mosaic bigeminivirus 2451, 3741
Colletotrichum lindemuthianum 11560
drought resistance 6049
hybridization 7123
Thanatephorus cucumeris 3739
Uromyces appendiculatus 3739
variety classification 2448
Xanthomonas axonopodis 3739
Xanthomonas campestris 2451, 10462

Phaseolus vulgaris *cont.*
restriction fragment length polymorphism 8301
phaseolin 481
Rhizobium 4858
roots 4862
salinity 7173, 9434
seeds 4860, 6047, 10454, 11555, 12487
sodium azide 8303
sowing date 4857, 10459
stability 12494
glyphosate 1521
herbicides 1521
stress 483-484
temperature 6040-6041
Thanatephorus cucumeris 1519
tissue culture 10452, 11552
toxic substances 4861
trigonelline 484
ultraviolet radiation 9433
Uromyces appendiculatus 2454, 6050, 7174, 8312
variety trials 2417, 3724, 6038, 9428, 10449
viruses 484, 488
water balance 483, 4862-4863
yield components 4851, 6042
yield correlations 7170, 8305-8308, 10454, 10456-10457
mathematics 2449
Zabrotes subfasciatus 489
varieties 7122
AC Skipper 1509
Aurie de Bacău 4851
Curi-INIA 9429
FT Nobre 10450
Hatton 8300
Negro Tacana 3724
Spearfelt 1510
TUC390 3725
TUC500 3725
UI137 8297
UI228 8298
UI239 8299
UI911 8296
Phenolic acids, *Triticum aestivum* 12259
Phenolic compounds
Avena sativa 2234
Brassica juncea
combining ability 8583
genetic variance 8583
Citrus sinensis 10742
conferences 11104
crops, genetic engineering 4755
Epipactis helleborine 11045
Epipactis veratrifolia 11045
Festuca pratensis 11466
Festuca × *Lolium* 11466
fodder legumes, genetic engineering 4755
gene expression 9934, 12091
Goodyera biflora 11045
Goodyera repens 11045
Habenaria 11046
Herminium 3107
Olea europaea 4069, 12757
Orchidaceae 3106
Origanum vulgare 4306
Oryza sativa, gene expression 4750
Prunus armeniaca 731
Sorghum bicolor 321, 3550
Trisetum 8222
Vicia faba 2444
induced mutations 12481
Vitis vinifera 1741, 3983
multivariate analysis 6207
Zea mays 2272
Phenolic glycosides, *Salix sericea,* heritability 9792
Phenotypes, molecular genetics 4367
Phenotypic variation
Abutilon theophrasti 5270
Arabidopsis thaliana 9038
Impatiens capensis 9838
statistics 1229
Phenylacetic acid, *Oryza sativa* 4725
Phenylalanine ammonia-lyase
Daucus carota, somaclonal variation 9517
Hordeum vulgare
gene expression 5681, 11303
molecular genetics 5681

Phenylalanine ammonia-lyase *cont.*
Hordeum vulgare cont.
nucleotide sequences 5681, 11303
Lycopersicon esculentum, nucleotide sequences 599
Nicotiana tabacum, genetic transformation 9732
Phaseolus vulgaris, gene expression 9732
Sorghum bicolor, gene expression 5856
Phialophora gregata
Glycine max 471, 11542
genetics 9413
Phleum alpinum
chromosome banding 2386
polyploidy 2386
Phleum pratense
climate 4757
cold resistance 4756-4757
digestibility 11489
genetic transformation 6676
growth period 11489
latitude 4757, 12426
nutritive value 11489
seed production 10366
somaclonal variation, regenerative ability 12432
variety trials 6674, 10018, 12426
yield correlations 10366
varieties 7669, 11013
Phlobaphene, *Zea,* genetics 5769
Phloem
Cucurbita maxima
gene expression 11657
nucleotide sequences 11657
Phloeomyzus passerinii, *Populus nigra* 2945
Phlox drummondii
meiosis 3056
somatic embryogenesis 9841
Phoenix dactylifera
artificial selection 8532
flavonoids 8534
Fusarium oxysporum 8532, 8534
genetic engineering, *Fusarium oxysporum* 8533
genetic resources 8532
mitochondrial genetics 4006
nucleotide sequences 4006, 11778
quality 5156
restriction fragment length polymorphism, variety classification 11778
tissue culture, *Fusarium oxysporum* 8533
Phoma *(see also Deuterophoma; Leptosphaeria; Pleospora)*
Lupinus albus 4801
Phoma exigua
Solanum tuberosum
combining ability 4920
genetics 4920
Phoma terrestris, *Allium cepa* 575
Phomopsis *(see also Diaporthe)*
Glycine max 470
Phomopsis foeniculi, *Foeniculum vulgare, in vitro* selection 8925
Phorodon humuli, *Humulus lupulus,* genetics 4320
Phosphate translocator
Zea mays
gene expression 8074
nucleotide sequences 8074
Phosphate transporters
Arabidopsis thaliana
gene expression 4398
nucleotide sequences 4398
Phosphates
Arabidopsis thaliana, nucleotide sequences 9991
Solanum tuberosum
gene expression 8382
nucleotide sequences 8382
Phosphatidate cytidylyltransferase
Arabidopsis thaliana, nucleotide sequences 9500
Solanum tuberosum
gene expression 9500
nucleotide sequences 9500
Phosphatidylcholine 12-monooxygenase
Arabidopsis thaliana, genetic transformation 9690
Ricinus communis
gene expression 9690
genetic engineering 9690

Phosphatidylcholine desaturase
Arabidopsis thaliana
gene expression 2080
genetic engineering 2080
Helianthus
gene expression 9678
nucleotide sequences 9678
Helianthus annuus
gene expression 9678
nucleotide sequences 9678
Phosphinothricin acetyltransferase
Asparagus officinalis, genetic transformation 7305
Brassica napus, rape, genetic transformation 7440
genetic engineering 40
Hordeum vulgare, genetic transformation 4381
Oryza sativa, genetic transformation 10294
Phosphoadenosine-phosphosulfate reductase, *Arabidopsis thaliana,* nucleotide sequences 3199
Phosphoenolpyruvate carboxylase
Aloe arborescens
gene expression 1875
nucleotide sequences 1875
Flaveria bidentis, genetic transformation 9839
Flaveria pringlei
gene expression 9839, 11016
nucleotide sequences 11016
Flaveria trinervia
gene expression 9839, 11016
nucleotide sequences 11016
grasses, gene expression 4758
Hordeum vulgare, gene expression 5441
Kalanchoe fedtschenkoi, gene expression 5441
Medicago sativa
gene expression 12441
nucleotide sequences 12441
Nicotiana tabacum
gene expression 7571
genetic transformation 11016
Picea abies
gene expression 4202
nucleotide sequences 4202
Pisum sativum
gene expression 12508
nucleotide sequences 12508
Solanum tuberosum
gene expression 3793
genetic transformation 3793
Zea mays
gene expression 5441, 11337
genetic engineering 11337
Phosphoenolpyruvate synthetase
Solanum tuberosum
gene expression 12543
genetic transformation 12543
Phosphofructokinase
Solanum tuberosum
gene expression 7225
genetic transformation 7225
Phosphoglucomutase
Arabidopsis thaliana, mutations 5562
Brassica oleracea
genetic markers 1610
multiple alleles 1610
Malus pumila 3926
Phaseolus lunatus, genetics 10453
Vigna angularis, genetic variation 4889
Phosphogluconate dehydrogenase
Glycine max
genetics 10415
linkage 10415
Pseudotsuga menziesii, genetic variation 11978
Phospholipase C
Arabidopsis thaliana
gene expression 9020
gene mapping 9020
nucleotide sequences 9020
Phospholipase D
Arabidopsis thaliana
gene expression 9963
nucleotide sequences 9963
Glycine max, gene expression 1495
Oryza sativa, gene expression 386
Phospholipase D *cont.*
Ricinus communis, nucleotide sequences 4080
Phosphoribosylamine-glycine ligase
Glycine max
gene expression 3704
nucleotide sequences 3704
Phosphoribosylanthranilate transferase
Arabidopsis thaliana
gene expression 6632
genetic transformation 6632
mutations 6654
Phosphoribulokinase, *Nicotiana tabacum,* genetic transformation 6326
Phosphoric monoester hydrolases, *Zea mays,* gene mapping 10155
Phosphorus
Arabidopsis thaliana 9045
mutations 5566
Avena sativa 10128
Lycopersicon esculentum
gene expression 8440
nucleotide sequences 8440
Musa 3995
Oryza sativa 5918, 10332
Phaseolus vulgaris 3737-3738, 4856, 9432, 11558
Solanum tuberosum 4911
Sorghum bicolor 8116
Trifolium repens 11506
triticale, genotype environment interaction 11327
triticale × *Triticum* 7876, 11230
Triticum aestivum 10069
combining ability 2181, 4507
genetic variance 2182, 4507
heterosis 2181, 4507
Vicia faba, heterosis 4849
Zea mays 3498, 6944
Phosphorylation
Hordeum vulgare, gene expression 12204
Triticum aestivum, gene expression 12204
Phosphoserine transaminase
Spinacia oleracea
gene expression 6124
nucleotide sequences 6124
Photinia fraseri, varieties, Red Robin 1046
Photolyases
Arabidopsis thaliana
gene expression 6645
nucleotide sequences 6645
Photoperiodism
Allium cepa 8413
Arabidopsis thaliana
gene expression 74
mutations 74, 3237
Boehmeria nivea 12844
Dianthus 5403
Fragaria ananassa 5120
Glycine max 461, 4829, 9390, 11531, 12462, 12466
Glycine soja 8270
Hibiscus cannabinus, genetics 947
Hordeum vulgare
chromosome addition 12237
gene location 8026
genetics 5675, 12237
Lilium 8877
Oryza sativa 354-355, 360, 3593-3594, 5905, 7023, 11411, 11414
artificial selection 5896
gene location 11420
genetics 1410, 4706, 8151, 10317
linkage 4702
mathematics 3603
restriction fragment length polymorphism 4702
Phaseolus vulgaris, genetics 1514
Picea abies 1904, 2976
Saccharum officinarum 8653
Sorghum bicolor 314, 5849
genetics 9265
mutations 9265
Triticum aestivum 6726, 7948, 7953, 10065
chromosome addition 12237
gene dosage 2157
gene location 2157
genetics 12237
Vigna unguiculata 8348
Photoperiodism *cont.*
woody plants, gene expression 5278
Photoreceptors, genetics 10022
Photorespiration
Amaranthus edulis, mutations 9317
Arabidopsis thaliana, mutations 12135
Cucumis sativus, gene expression 3908
Hordeum vulgare, mutations 3377
Nicotiana tabacum 12816
Photosynthesis
Aegilops squarrosa 10054
Amaranthus edulis, induced mutations 2371
Amaranthus hypochondriacus, gene expression 3642
Amaranthus tricolor, gene expression 12591
Arabidopsis thaliana 9014
chloroplast genetics 12134
gene expression 9040, 12134
genetic engineering 9040
genetic transformation 5546
induced mutations 75
mutations 66, 1218, 5546, 9013, 9047
nucleotide sequences 75
Brassica 578, 7465
Brassica (×) *Moricandia* 4037
Brassicaceae 7481
Camellia sinensis 9709
genetics 1844
cereals, artificial selection 12072
Cicer arietinum 3768
Citrus limon 5150
Citrus sinensis 5150
crops
artificial selection 12072
gene expression 605
Cucumis sativus
gene expression 7341
nucleotide sequences 7341
Diplotaxis 578
Flaveria bidentis 9833
gene expression 4262
genetic transformation 4262
genetics 3169
Glycine max 460, 3708, 4821
in vitro selection 9422
molecular genetics 9422
mutations 9422, 11528
Gossypium barbadense 946
Gossypium hirsutum 946, 9772
grasses, evolution 4758
Helianthus annuus 854
Hordeum chilense 109
Hordeum vulgare 11313
mutations 3373, 10105, 11311
Hordeum × *Triticum* 109
Kalanchoe, random amplified polymorphic DNA 12032
Kalanchoe daigremontiana, molecular genetics 9866
Lycopersicon esculentum 9567
gene expression 605, 10605
Lycopersicon peruvianum 9567
Mesembryanthemum crystallinum, molecular genetics 9866
molecular genetics, books 2021
Nicotiana sylvestris
gene expression 12809
mutations 5245
Nicotiana tabacum 11882
gene expression 2551
genetic engineering 9735
genetic transformation 2550-2551, 5244, 9729, 9735, 9737
molecular genetics 2833
Nothofagus menziesii 1891
Nothofagus solandri 1891
Oryza sativa 381, 3625, 8155, 12381
genetic transformation 11418
genetics 4709
heterosis 10311
Phaseolus vulgaris 6040-6041, 11555
Picea abies, nucleotide sequences 1010
Picea engelmannii, genetic markers 11968
Picea glauca, genetic markers 11968
Picea sitchensis, genetic markers 11968
Pinus palustris, gene expression 2972
Pinus sylvestris 11959

Photosynthesis *cont.*
Pisum sativum
artificial selection 3753
gene expression 9441
heterosis 3753
molecular genetics 8318
mutations 3753
Pyrus 11677
Saccharum 11853
Saccharum officinarum 869
Sinapis 578
Solanum tuberosum, induced mutations 540
Sorghum bicolor 11377
Spinacia oleracea 9541
gene expression 2550-2551
genetic engineering 2551
triticale 5695
Triticum 10054
Triticum aestivum 126, 128, 2186-2187, 5633, 9151
chloroplast genetics 5627
combining ability 5628
gene expression 5627
heterosis 5628
Triticum durum 109
Tulipa 1972
Vigna unguiculata 4884
Vitis vinifera 9613
Zea mays 5829, 11350
induced mutations 8087
mutations 1365
Zoysia japonica 10364
Zoysia matrella 10364
Phragmoplastin, *Glycine max,* gene expression 7137
Phratora vulgatissima, *Salix* 10927
Phrodus, pollen 10998
Phthorimaea operculella
Lycopersicon hirsutum 9571
Solanum tuberosum, genetic transformation 7236
Phyllanthus, taxonomy 8916
Phyllanthus emblica, artificial selection, seedlings 4010
Phyllocnistis citrella, *Citrus* 6225
Phyllocolpa, *Salix lasiolepis* 10926
Phyllody
Sesamum alatum, genetics 5197
Sesamum indicum, genetics 5197
Phyllostachys pubescens
microsatellites 13049
random amplified polymorphic DNA 13049
Phyllosticta *(see also Ascochyta; Mycosphaerella)*
Phyllosticta zingiberi, *Zingiber officinale* 1117
Phyllotreta cruciferae, *Brassica campestris,* natural selection 841
Phylogeny 1244, 2114, 5591 *(see also* Evolution)
Abies 1021
Abies cephalonica 1021
Actinidia deliciosa, nucleotide sequences 9619
Aegilops
chloroplast genetics 5661
mitochondrial genetics 5661
Agaricus, restriction fragment length polymorphism 6556
Agaricus bisporus, restriction fragment length polymorphism 6556
Allium
chloroplast genetics 6110
mitochondrial genetics 7257
molecular genetics 6110
Allium porrum, mitochondrial genetics 7257
Amaranthus, chloroplast genetics 1425
Amblyopyrum mutica
chloroplast genetics 5661
mitochondrial genetics 5661
Amelanchier, nucleotide sequences 9595
angiosperms, nucleotide sequences 9073
Arabidopsis suecica, nucleotide sequences 9990
Beta, random amplified polymorphic DNA 2813
Beta vulgaris, sugarbeet, random amplified polymorphic DNA 2813
Brassica campestris
random amplified polymorphic DNA 4932
turnips, random amplified polymorphic DNA 4932
Brassica nigra, repetitive DNA 4029
Brassica oleracea, random amplified polymorphic DNA 580
Brownleea 9861
Cactaceae, chloroplast genetics 1096
Camellia, random amplified polymorphic DNA 9711
Ceanothus, chloroplast genetics 11001
chloroplast genetics 11215
Coffea, nucleotide sequences 10844
conifers, chloroplast genetics 10983
Cornus, chloroplast genetics 10718
crops
molecular genetics 7866
polymerase chain reaction 7866
Cucurbita
microsatellites 644
nucleotide sequences 644
Dactylis glomerata 8201
Elymus
repetitive DNA 4774
restriction fragment length polymorphism 4774
Fabaceae, nucleotide sequences 2113
Fagus sylvatica, chloroplast genetics 6371
Festuca
random amplified polymorphic DNA 11464
restriction fragment length polymorphism 11464
forest trees
chloroplast genetics 11919
restriction fragment length polymorphism 11919
Fragaria, restriction fragment length polymorphism 9610
Fumariaceae, chloroplast genetics 12003
Gentiana, nucleotide sequences 5408
Geranium, nucleotide sequences 7664
Glycine, nucleotide sequences 7154
Glycine max, nucleotide sequences 6006
grasses, chloroplast genetics 3653
Helianthus, chloroplast genetics 10794
Hippophae 3992
Hordeum, random amplified polymorphic DNA 215
Kalanchoe, random amplified polymorphic DNA 12032
Lens
multivariate analysis 8327
random amplified polymorphic DNA 1532
Lentinula edodes, molecular genetics 3135
Lilium
polymerase chain reaction 12019
restriction fragment length polymorphism 12019
Lindera 3278
Lolium
random amplified polymorphic DNA 11464
restriction fragment length polymorphism 11464
Marchantia polymorpha, chloroplast genetics 11214
mathematics 7865, 12181
Meconopsis, restriction fragment length polymorphism 6538
mitochondrial genetics 3276
molecular genetics 9075
reviews 4447
Nicotiana tabacum, chloroplast genetics 11214
nucleotide sequences 33, 4453
Orchidaceae, molecular genetics 13016
Orchis, molecular genetics 13016
Oryza, random amplified polymorphic DNA 2355, 3619
Oryza sativa, chloroplast genetics 11214
Papaver, restriction fragment length polymorphism 6538
Pelargonium 1921
Persea americana
DNA fingerprinting 5154
Persea americana cont.
repetitive DNA 5154
Pinus 988, 4195
random amplified polymorphic DNA 11963
Pinus thunbergii, chloroplast genetics 11214
Pistacia, chloroplast genetics 12717
Pontederiaceae, chloroplast genetics 1103
Porphyra purpurea, chloroplast genetics 11214
Pseudotsuga menziesii, molecular genetics 1027
Roemeria, restriction fragment length polymorphism 6538
Rosa, restriction fragment length polymorphism 9823
Secale, fluorescence *in situ* hybridization 3418
Sedum, chloroplast genetics 1983
Sorghum, mitochondrial genetics 2298
Stylomecon, restriction fragment length polymorphism 6538
Tripsacum, molecular genetics 1375
Triticeae
chloroplast genetics 7875
molecular genetics 7875
Triticum
chloroplast genetics 5661
mitochondrial genetics 5661
Zea, molecular genetics 1375
Zea mays 10195
catalase 10242
chloroplast genetics 11214
Physalis
leaves 9648
seeds 9648
Physalis chenopodifolia, domestication 5588
Physalis crassifolia
natural selection, self incompatibility 6531
nucleotide sequences
evolution 98
self incompatibility 98
Physalospora *(see also Botryosphaeria; Glomerella)*
Physalospora piricola
Malus pumila 6179
Pyrus bretschneideri 10667
Pyrus communis 10667
Pyrus pyrifolia 10667
Pyrus ussuriensis 10667
Physaria
genetic resources 11843
oils 11843
seeds 11843
Physiology
artificial selection 4345
conferences 3139
crops, history 3153
Musa 9627
Sorghum bicolor, combining ability 11376
Phytase
Zea mays
gene expression 6911
nucleotide sequences 6911
Phytic acid
Brassica campestris 6249
Brassica carinata 6249
Brassica juncea 6249
Brassica napus 6249
Linum usitatissimum, linseed 10782
Sinapis alba 6249
triticale, genotype environment interaction 11327
Phytoalexins
Arabidopsis thaliana, gene expression 5558
Arachis hypogaea, gene expression 6287
gene expression, reviews 2048
Gossypium arboreum, gene expression 4146
Oryza sativa 8177
Sorghum bicolor, gene expression 2300
Zea mays, gene expression 2300
Phytochrome
Arabidopsis thaliana
gene expression 49, 596, 3232, 4406, 9003, 9022, 9025, 9985, 12147
gene mapping 9025

Phytochrome *cont.*
Arabidopsis thaliana cont.
genetic transformation 49, 596, 1208, 2100, 9022
induced mutations 3220
molecular genetics 9982
mutations 2101, 4406, 4409-4411, 9025, 9043, 9976, 9984, 10024
Brassica campestris
gene expression 10770
genetics 10770
mutations 10770
crops, genetic transformation 9947
gene mapping 9945
genetic transformation 2116
Hordeum vulgare
gene mapping 5674
restriction fragment length polymorphism 5674
Lycopersicon esculentum
gene expression 596, 5012, 9555, 10600
gene mapping 2577, 5015
genetic transformation 596
mutations 1654, 2577, 5015, 9554, 10024, 10600-10601
restriction fragment length polymorphism 2577, 5015
molecular genetics 9945, 9982
mutations 2116
Nicotiana tabacum 9043
gene expression 4110, 10862
genetic transformation 2842, 7580
nucleotide sequences 4110
Oryza sativa
gene expression 351
genetic engineering 7580
Pisum sativum
induced mutations 10468
mutations 10024
Sorghum bicolor
gene mapping 9265
nucleotide sequences 9265
Phytoene synthase
Narcissus pseudonarcissus
gene expression 3076
genetic engineering 9305
Oryza sativa
gene expression 9305
genetic transformation 9305
Zea
microsatellites 2247
nucleotide sequences 2247
Zea mays
gene expression 6917
nucleotide sequences 6917
Phytohaemagglutinins, *Phaseolus vulgaris* 4853
Phytolacca americana, genetic engineering, antiviral proteins 12822
Phytophthora, *Glycine max* 8256
Phytophthora cactorum, *Fragaria ananassa* 5124
Phytophthora cambivora, *Castanea sativa* 2730
Phytophthora capsici
Capsicum 6154
Capsicum annuum 638, 5058
genetic variance 2610
heritability 2610
Phytophthora cinnamomi
Banksia, in vitro selection 3038
Castanea sativa 2730
Phytophthora citricola, *Banksia, in vitro* selection 3038
Phytophthora clandestina, *Trifolium subterraneum* 2403
Phytophthora colocasiae, *Colocasia esculenta,* genetics 12573
Phytophthora cryptogea
Actinidia deliciosa 5136
Prunus, cherries 3951
Phytophthora drechsleri
Cajanus cajan
genetic variance 9484
genetics 10499
heritability 9484
Cajanus platycarpus 9483
Carthamus tinctorius 1815
Phytophthora fragariae
Fragaria ananassa 1734, 7395
Phytophthora fragariae cont.
Fragaria ananassa cont.
gene mapping 11747
genetics 9611, 11746
random amplified polymorphic DNA 11747
Fragaria vesca 8507
Phytophthora infestans
Lycopersicon esculentum 1668
Lycopersicon hirsutum 12613
Lycopersicon pimpinellifolium 12613
Solanum phureja
gene expression 12552
genetic markers 12552
Solanum tuberosum 550-551, 1577, 3801-3803, 7229, 9512
gene expression 6091, 8387
genetics 11289
Phytophthora macrochlamydospora, *Glycine max* 3717
Phytophthora medicaginis, *Medicago sativa* 10373
Phytophthora megasperma
Cicer arietinum 1538
Medicago sativa, gene expression 424
Phytophthora nicotianae
Hibiscus cannabinus 1877
Hibiscus sabdariffa 1877
Lycopersicon esculentum 615, 1669
Nicotiana tabacum, gene expression 6336, 11896-11897
Solanum melongena 10609-10610
Phytophthora palmivora, *Theobroma cacao* 11874
Phytophthora porri, *Allium porrum,* genetics 7269
Phytophthora sojae
Glycine max
artificial selection 6023
gene expression 10435
gene mapping 9415
genetics 472, 6022
molecular genetics 11543
mutations 4842
nucleotide sequences 10435
restriction fragment length polymorphism 9415-9416
Petroselinum crispum
gene expression 12046, 13042
nucleotide sequences 12046, 13042
Picea
accessory chromosomes 2975
chromosome morphology 2975
genetic engineering, microsatellites 5309
genetic markers, microsatellites 5309
in situ hybridization 2975
Picea abies
Adelges 4208
air pollution 957, 1011, 10970
artificial selection, development 1013
chromosome aberrations 10970
chromosome banding 10971
chromosome morphology 1903
clonal variation, *Heterobasidion annosum* 2978
cold resistance 4208, 9804
cones 4205-4206
dormancy 2976
forest decline 6393
gene expression
phosphoenolpyruvate carboxylase 4202
somatic embryogenesis 9802
genetic markers 9924
microsatellites 12901
genetic resources 4199, 11967
genetic variation 957, 1011, 6393
isoenzymes 986
genotype environment interaction, wood properties 1015
glutamine 12903
habit 4205
Heterobasidion annosum 2979
heterozygosity 11967
Armillaria 11969
cinnamyl-alcohol dehydrogenase 11969
inbreeding depression 10967
interspecific hybridization 4203
latitude 957
lipids 9804
Picea abies *cont.*
molecular genetics, *Pythium dimorphum* 12905
nucleotide sequences
phosphoenolpyruvate carboxylase 4202
photosynthesis 1010
somatic embryogenesis 9802
ozone 10970
photoperiodism 1904, 2976
pollen germination 2961
pollination 11955
population genetics, flowering 2977
provenance trials 4200-4201, 4207-4208, 6406, 11967
quantitative traits 986
random amplified polymorphic DNA 5322
variety classification 7647
restriction fragment length polymorphism 1009
somatic embryogenesis 12904
seed production 11955
seeds 4203
somaclonal variation 5322, 12902
somatic embryogenesis 5321, 12902-12903
stability 6393
sulfur dioxide 1011
temperature 1904
thinning 4207
wood properties 6406, 10974
Picea engelmannii
embryo culture 10972
genetic markers, photosynthesis 11968
genetic variation, isoenzymes 5320
interspecific hybridization 5320, 10972, 11968
Pissodes strobi 2981
population genetics 5320
Picea glauca
breeding 9801, 10947
clonal variation
cones 6405
seed production 6405
embryo culture 10972
gene expression
β-glucuronidase 12851
heat shock proteins 1905
hydrolases 9803
somatic embryogenesis 9803
gene mapping, ribosomal RNA 12900
genetic markers, photosynthesis 11968
genetic transformation 10968
β-glucuronidase 12851
genetic variation, isoenzymes 5320
interspecific hybridization 5320, 10972, 11968, 12851
nucleotide sequences, heat shock proteins 1905
Pissodes strobi 2981-2982, 12906
population genetics 5320
random amplified polymorphic DNA, variegation 4204
somaclonal variation, variegation 4204
tissue culture 10968, 10973
Zeiraphera canadensis 2980
Picea glehnii
genetic variation, isoenzymes 1014, 8800
linkage, isoenzymes 1014
population genetics 8800
Picea mariana
breeding 10947
clonal variation
cones 6405
seed production 6405
gene expression 7646
genetic transformation 7646, 12890
outcrossing 1012
Picea obovata
interspecific hybridization 4203
seeds 4203
Picea omorika, chromosome morphology 10969
Picea sitchensis
artificial selection, development 5319
gene mapping, ribosomal RNA 12900
genetic markers, photosynthesis 11968
genetic transformation 8799
genetic variation 5319
interspecific hybridization 11968

Picea sitchensis *cont.*
Pissodes strobi 2981, 7648, 8801, 10975
provenance trials 1008
Pieris
chlorosis 4227
soil pH 4227
Pieris rapae, Raphanus raphanistrum, maternal effects 9527
Piezodorus hybneri, Glycine max 12477
Pigeonpea sterility mosaic virus
Cajanus cajan 510, 10500
germplasm releases 9481
Pimpinella brachycarpa, nucleotide sequences, DNA binding proteins 11079
Pinellia pedatisecta
cell culture 3118
tissue culture 3118, 6534
Pinellia ternata, protoplast culture 6537
Pingyangmycin, *Oryza sativa* 4689
Pinus
Cronartium fusiforme 1006
gene expression, chitinase 8797
genetic distance 988
genetic engineering, microsatellites 5309
genetic markers, microsatellites 5309
genetic resources 2962, 4190
genetic variation, isoenzymes 988, 4190
nucleotide sequences, chitinase 8797
phylogeny 988, 4195
random amplified polymorphic DNA, phylogeny 11963
seed production 6401
Pinus banksiana
breeding 10947
gene expression
S-adenosylmethionine synthetase 1901
stress 1901
molecular genetics, stress 11965
nucleotide sequences, alcohol dehydrogenase 4189
Pinus brutia
geography 987
plant introduction 987
Pinus caribaea
cold resistance 6404
genetic markers, somatic embryogenesis 12899
interspecific hybridization 6404
Pinus chiapensis
genetic resources 10950
provenance trials 4188, 10950
Pinus contorta
artificial selection
development 1002
statistics 7640
cuttings 4192
heritability, development 1002
insects 7644
Panolis flammea 7645
provenance trials 6395
Pinus densiflora
genetic markers
interspecific hybridization 4191
isoenzymes 995
genetic variation, isoenzymes 997
Pinus elliottii
breeding 8937
techniques 10952
chromosome morphology 10966
cold resistance 6404
combining ability
Cronartium fusiforme 4198
height 4198
Cronartium fusiforme 5314
development 5314
DNA hybridization 10966
genetic variance, quality 5317
genetics, *Cronartium quercuum* 5318
heritability
Cronartium quercuum 1007, 5318
quality 5317
yield components 2973
interspecific hybridization 6404
pollination 10952
provenance trials 2963
random amplified polymorphic DNA, *Cronartium fusiforme* 10966
rootstocks 8937
tissue culture 11960
Pinus elliottii *cont.*
yield correlations 2973
Pinus gerardiana, multivariate analysis, yield components 4193
Pinus greggii
geography 2971
monoterpenes 2971
Pinus halepensis
drought resistance 11966
genetic distance, isoenzymes 10955
genetic transformation 12853
Agrobacterium rhizogenes 6396
genetic variation, isoenzymes 2967
geography 987, 996
plant introduction 987
seedlings 6400
seeds 6400
terpenoids 996
tissue culture 12855
water balance 11966
Pinus kesiya, provenance trials 7639
Pinus koraiensis, genetic variation, isoenzymes 997
Pinus massoniana, wood properties 4194
Pinus merkusii, artificial selection 2965
Pinus monticola
artificial selection, *Cronartium ribicola* 1005
heritability, *Cronartium ribicola* 1005
pollen 993
Pinus mugo, interspecific hybridization 8798
Pinus muricata, provenance trials 5310
Pinus nigra
chemotaxonomy 1003
cytoplasmic inheritance 2968
flavonols 1003
genetic transformation 12893
genetic variation, isoenzymes 1000
interspecific hybridization 2968
leaves 1003
Pinus oocarpa, provenance trials 7639
Pinus palustris
gene expression, photosynthesis 2972
haploidy 10954
linkage 10954
random amplified polymorphic DNA 10954
Pinus patula
heritability
development 6402
wood properties 6402
provenance trials 1896
Pinus pinaster
gene mapping
carene 5312
height 12897
quantitative traits 12897
recombination 990
genetic markers 2926
isoenzymes 991
terpenoids 991
genetic variance, *Melampsora populnea* 10965
random amplified polymorphic DNA
carene 5312
quantitative traits 1898
recombination 990
self pollination 991
Pinus pinea
genetic transformation 12893
nucleotide sequences, ribosomal RNA 1897
Pinus ponderosa
Dioryctria 4197
Endocronartium harknessii 4197
Petrova metallica 4197
Rhyacionia bushnelli 4197
Pinus radiata
genetic transformation 12893
genotype environment interaction, statistics 10963
provenance trials 10953
statistics 10963
random amplified polymorphic DNA, development 12891
seed production 1001
wood properties 11961-11962
Pinus resinosa, genetic variation 989
Pinus roxburghii, heritability, yield components 1899
Pinus strobus
gene expression, globulins 994
gene mapping 11957
genetics, isoenzymes 5313
genotype environment interaction, height 10959
heritability, height 10959
linkage, isoenzymes 5313
microsatellites 5311, 7641, 11957
nucleotide sequences, globulins 994
random amplified polymorphic DNA 11957
tissue culture 5316
Pinus sylvestris
Agrobacterium rhizogenes 2970
air pollution 4196
amitosis 10956
artificial selection, statistics 7640
chilling requirement 2927
cold resistance 1902
competitive ability 6403, 10960
cytoplasmic inheritance 2968
dormancy 2927
experimental design, provenance trials 1004
flowering 992, 12896
gamma radiation 10956
gene expression, ultraviolet radiation 12854
genetic transformation, growth regulators 11143
genetic variation, isoenzymes 986, 998-999, 4196, 6398
genetics
flavonoids 984
isoenzymes 6398
genotype environment interaction, height 1004
habit 6403, 10960
heritability
height 1004
seeds 5315
yield components 10962
insects 7644
interspecific hybridization 2968, 8798
latitude 1902, 11959
molecular genetics, glutamate synthase 12894
nitrogen 10964
nutrients 10964
photosynthesis 11959
pollen germination 2961
pollination 992, 11955
polymorphism
dihydrolipoamide dehydrogenase 10958
isoenzymes 999, 4196, 10958
population genetics 6397
provenance trials 6394, 11956
quantitative traits 986
rooting capacity 2970
seed orchards 12896
seed production 11955
seed testing 999
self incompatibility 6399
stress 1902
tissue culture 1900, 2974
yield correlations 10962
Pinus taeda
breeding 2964, 8937, 10951
reports 8938
techniques 10952
clonal variation, yield components 10957
Cronartium fusiforme 2969
gene expression
4-coumarate-CoA ligase 8796
germination 7643
isocitrate lyase 7643
rooting capacity 12895
gene mapping 12892
genetic markers 2964
genetic resources 10951
genetic variation 2964
genetics
cinnamyl-alcohol dehydrogenase 12898
lignin 12898
genotype environment interaction, quality 11964
molecular genetics 12892

***Pinus taeda** cont.*
mutations
cinnamyl-alcohol dehydrogenase 11958, 12898
lignin 11958, 12898
nucleotide sequences
4-coumarate-CoA ligase 8796
germination 7643
isocitrate lyase 7643
pollination 10952
provenance trials 2963
restriction fragment length polymorphism, quantitative traits 10961
rootstocks 8937
wide hybridization 2969
Pinus thunbergii
chloroplast genetics 2966
phylogeny 11214
genetic markers
interspecific hybridization 4191
isoenzymes 995
genetic variation, isoenzymes 997, 7642
seeds 7642
Pinus uncinata, genetics, flavonoids 984
Piper attenuatum, tissue culture 11074
Piper betle
apomixis 8918
varieties
SB35 1994
SGM1 1994
Piper colubrinum, tissue culture 7728
Piper curvinervium, taxonomy 9887
Piper dolicholstylum, taxonomy 9887
Piper methysticum
genetics, lactones 1111
taxonomy 8920
Piper nigrum
embryo culture 6543
essential oils 12042
plant composition 12042
tissue culture 6543
Piper wichmannii, taxonomy 8920
Pissodes strobi
Picea engelmannii 2981
Picea glauca 2981-2982, 12906
Picea sitchensis 2981, 7648, 8801, 10975
Pistacia
chemotaxonomy 4025
chloroplast genetics
evolution 12717
phylogeny 12717
genetic resources 2733
isoenzymes 4025
Pistacia atlantica
fruit cracking 5170
interspecific hybridization 5170
Pistacia vera
fatty acids 4023
fertilization 10762
fruit cracking 5170
genetic resources 4018
genetics
leaves 4022
vigour 4022
interspecific hybridization 5170
isoenzymes 4019
pollen germination 10762
quality 4024
variety classification 4019
variety trials 4019
Pisum
DNA 1524
somatic embryogenesis 8319
Pisum sativum
acrylamide 1525
albumins 3756, 4868
artificial selection
chlorophyll 3753
photosynthesis 3753
yields 2457
breeding 4867, 6053, 8315, 12497
carbohydrates 598
cell division 1529
Chromatomyia horticola 3763
cold resistance 4873-4874
colour 3759
combining ability
lodging 495
yield components 1526, 6059, 7179
competitive ability 1531
crop density 11561

***Pisum sativum** cont.*
cytology 7176
cytoplasmic inheritance, pollen 6057
DNA 4869
DNA binding proteins 12500
drought resistance 4874
embryo culture 11565
Erysiphe polygoni 7179
ethyl methanesulfonate 5998, 10468
ethylene 4869
forage 2458
fruits 2456
gamma radiation 5998
gene expression 104, 493, 11564
brassinosteroids 9081
cell cycle 9439
cytokinins 2846
dihydropteroate synthase 12499
DNA repair 9439
farnesyl-diphosphate farnesyltransferase 6056
Fe(III)-chelate reductase 105
gibberellin oxidase 8249
gibberellins 3751
glucose-1-phosphate adenylyltransferase 7175
glutathione reductase 3747, 4871
glyceraldehyde-3-phosphate dehydrogenase 3287
glycine decarboxylase 9440
glycoproteins 2459
growth regulators 3751
heat shock proteins 3754, 8320, 10465
isopentenyltransferase 2846
lectins 3750
legumin 6055
metallothionein 12122
naringenin-chalcone synthase 7181
nodulation 2459, 12508
nucleolin 12501
ornithine carbamoyltransferase 1523
phosphoenolpyruvate carboxylase 12508
photosynthesis 9441
plastocyanins 8316
proteinase inhibitors 9437
pyruvate decarboxylase 9438
ribulose-bisphosphate carboxylase 9440
gene mapping 7869, 10020
flowers 12503
glutathione reductase 3747
leaves 12503
genetic engineering 492
cytokinins 2846
glutathione reductase 4871
isopentenyltransferase 2846
lectins 12436
metallothionein 12122
genetic resources 2456
genetic transformation
ATP citrate lyase 11563
protoplasts 11563
techniques 10464
genetic variance
lodging 495
yield components 9443, 10469
genetics
Erysiphe pisi 12509
flowering 494
leaves 7178
Rhizobium 497, 11568
symbiosis 11568
germination 9442, 10467
grafting 494
gynoecium 4869
heavy metals 7176
height 3751
herbicides 1531
heritability 1527
lodging 495
heterosis
chlorophyll 3753
photosynthesis 3753
yield components 7179
ideotypes 8315
in vitro selection, salinity 1530
induced mutations
germination 5998
phytochrome 10468

***Pisum sativum** cont.*
induced mutations *cont.*
Rhizobium 497
maternal effects, translocation 12502
metribuzin 1531
mitochondrial genetics 104, 11564
heat shock proteins 3754, 8320
molecular genetics
DNA binding proteins 3748
DNA polymerase 3748
gibberellins 3751
glyceraldehyde-3-phosphate dehydrogenase 2460
glycoproteins 2459
growth regulators 3751
nodulation 2459
photosynthesis 8318
mutagens 1525, 5998, 10468
mutations
amylopectin 12507
amylose 12507
brassinosteroids 8317, 9081
chlorophyll 3753
development 2461
Fe(III)-chelate reductase 105
flowers 12503
gibberellins 2461
growth regulators 2461
habit 6058
height 8317
kaurene synthase 7177
leaves 7178, 12503
light 2461
nitrogen fixation 9445
photosynthesis 3753
phytochrome 10024
Rhizobium 11568
roots 6058
seeds 12105
starch branching enzyme 4870
symbiosis 11568
tropisms 10466
zeatin riboside 6058
Mycosphaerella pinodes 10471
nodulation 4872
nucleolus 493
nucleotide sequences 491
biotin holocarboxylase synthetase 6675
dihydropteroate synthase 12499
farnesyl-diphosphate farnesyltransferase 6056
flowers 12503
gibberellin oxidase 8249
glucose-1-phosphate adenylyltransferase 7175
glutathione reductase 3747
glyceraldehyde-3-phosphate dehydrogenase 3287
heat shock proteins 8320, 10465
kaurene synthase 7177
leaves 12503
lectins 3750
nodulation 12508
nucleolin 12501
ornithine carbamoyltransferase 1523
phosphoenolpyruvate carboxylase 12508
proteinase inhibitors 9437
pyruvate decarboxylase 9438
nutritive value 3759, 9444, 11567, 12505
oils 3760
oligosaccharides 3758
pea seed-borne mosaic potyvirus 499
plant composition 11567
pleiotropy
amylopectin 12507
amylose 12507
proteins 496
protoplasts 1529
quality 3757, 3761-3762, 12506
random amplified polymorphic DNA 3749
regenerative ability 12504
repetitive DNA 10020
restriction fragment length polymorphism 3749
Rhizobium 4872
seed moisture 10467
seeds 3759, 3761, 10467
senescence 4869

***Pisum sativum** cont.*
snow 598
somatic embryogenesis 8319
stability 2462
starch 3757, 12506
storage, seeds 9442
tissue culture 11566
toxic substances 7176
trypsin inhibitors 3752
ultraviolet radiation 6060
variety classification 496, 4868
variety trials 1522, 2417, 2458, 6054, 6673, 10017, 11562
waxes 6060
wide hybridization 11566
yield components 1527
yield correlations 1528, 3755, 7180, 10470
varieties 3286, 7122
Adept 3746
Andrea 3743
Greitieji 11562
Kiblukai 11562
Komet 3744
Molinukai 11562
Sonet 3745
VL Ageti Matar-7 12498
Pithecellobium elegans, gene flow 4183
Plant collections (*see* Gene banks)
Plant composition
Allium cepa 2523
Allium sativum 6112
Allium tuberosum 2528
Arachis hypogaea 10814, 11220
Avena sativa 4576
Brassica, Chinese cabbages 7283
Brassica oleracea, broccoli 4967
Camellia 3029
Chlorophytum borivilianum 13028
Citrus 4000
genetics 2718
Gossypium hirsutum 937, 6354
Hippophae rhamnoides 789
Hordeum vulgare 3381, 8033, 11313
Lycopersicon 5020, 5044
Lycopersicon esculentum 5020, 6142, 12607
techniques 7317
Macrotyloma uniflorum, induced mutations 11589
Oryza sativa 373, 9306, 12397
Pennisetum glaucum 11220
Piper nigrum 12042
Pisum sativum 11567
Polianthes tuberosa 4311
Populus tremuloides, clonal variation 2943
Prunus, apricots, genetics 713
Prunus armeniaca, genetics 722
Pyrus communis 6183
Raphanus sativus 6103
Saccharum officinarum 2785, 2797, 9695
Sesamum indicum 864
Solanum melongena 12617
Solanum tuberosum 10538
Sorghum bicolor 318
combining ability 2297
Trifolium repens 437
Zea mays 2275, 3530
mutations 12321
Plant disorders
Gerbera 1960
Glycine max 8290
Lycopersicon 5044
Malus pumila 7361
Oryza sativa 3634
Solanum hjertingii 9501
Solanum tuberosum 9501
Triticum aestivum 6766
Plant embryos
Arabidopsis thaliana
gene expression 1214, 3288, 4418
genetics 4407, 12131
maternal effects 4414
mutations 1214, 4407-4408, 4414
nucleotide sequences 4418
Brassica napus, rape, gene expression 3288
Bromus 11482
Daucus carota 1585
gene expression 555
Plant embryos *cont.*
Elymus 7086
Hordeum vulgare
gene expression 1324
nucleotide sequences 1324
Medicago sativa, gene expression 5976
Nicotiana tabacum, maternal effects 7580
Oryza sativa 3597
gene expression 2334, 4682
gene mapping 4714
nucleotide sequences 4682
restriction fragment length polymorphism 4714
Pennisetum glaucum 3565
Pseudotsuga menziesii
gene expression 10981, 12909
nucleotide sequences 10981
Triticum aestivum 11248
gene expression 3326
nucleotide sequences 3326
Triticum araraticum 11248
Triticum monococcum 11248
Zea mays
gene expression 3288, 11346
gene mapping 11346
heterosis 5804
mutations 278, 5779, 5792, 5798
nucleotide sequences 11346
Plant glands
Gossypium 4144, 6349
genetics 8726
linkage 8726
Gossypium hirsutum 10882
genetics 2881
Medicago sativa 10374
Mimulus, genetics 6470
Ocimum basilicum 7730
Plant hairs
Aegilops aucheri, genetics 188
Aegilops speltoides, genetics 188
Arabidopsis thaliana
gene expression 1212
genetics 1212
reviews 11183
mutations 7841
Coffea canephora 4109
Glycine max 475, 9384, 10443
linkage 9379
Gossypium hirsutum 6351
Medicago sativa 10374
Oryza sativa
genetics 9300
somaclonal variation 9300
Pelargonium hortorum, genetics 11009
Tradescantia
induced mutations 6519
mutations 1098
Zea mays, mutations 5763
Plant introduction
Allium sativum 6108
Brassica juncea 5181
Brassica napus, rape 5171
Brassica pekinensis 2531
Cannabis sativa 8749
Castanea crenata 10759
catalogues 4-5
Centaurium erythraea 1104
Centrosema 10390
Citrus 7409
Citrus sinensis 6221
Cocos nucifera 1818
crops 4346
Desmodium 10390
Fagopyrum esculentum 11451
Glycine max 4813, 9368
Gossypium hirsutum 5253, 8708
Hypericum perforatum 8907
Lupinus 4795
Macadamia integrifolia 9653
Mahonia gracilipes 5349
Malus pumila 1719
Oryza sativa 6998, 12355
Pennisetum glaucum 4454, 4457
Pinus brutia 987
Pinus halepensis 987
Prunus
apricots 716
plums 10674
Prunus avium 11690
Rubus idaeus 10689
Solanum muricatum 6230
Plant introduction *cont.*
Solanum tuberosum 2485, 7214
Sorghum bicolor 4454, 4457, 4623
subtropical fruits 1747
Tectona grandis 2955
Triticum aestivum 4468
tropical fruits 1747
Vitis 3980
Zea mays 4588
Plant pigments
Amaranthus caudatus 6130
Amaranthus cruentus 6130
Amaranthus tricolor 6130
Oryza sativa 359
triticale 5695
Zea mays, induced mutations 8087
Plantago
chromosome morphology 13025
DNA 13025
isoenzymes 13025
polyploidy 13025
Plantago lanceolata
chloroplast genetics, cytoplasmic male sterility 7718
male sterility 7717
mitochondrial genetics, cytoplasmic male sterility 5473, 7718
nutrients 7717
restriction fragment length polymorphism, cytoplasmic male sterility 5473, 7718
varieties
Ceres Tonic 3645
Grasslands Lancelot 3646
Plantago ovata
inbreeding depression 7713
tissue culture 3116
Plantation crops, genetic markers 12118
Planting date
Oryza sativa 8171
Saccharum officinarum 11858
Plants
gene expression, light, reviews 1173
genetic transformation, antibodies 4380
nucleotide sequences, evolution 99
Plasmids
Chenopodium album, nucleotide sequences 5951
Zea mays 10159
Plasmodiophora brassicae
Brassica napus, rape 1792
Brassica oleracea
epistasis 6123
genetics 6122-6123
broccoli
gene mapping 4969
restriction fragment length polymorphism 4969
cabbages 1634
gene mapping 4969
restriction fragment length polymorphism 4969
kale 1634
Brassica pekinensis 9536
Plasmopara halstedii
Helianthus annuus 1813, 2761
gene mapping 856
restriction fragment length polymorphism 856
Plasmopara viticola, Vitis, genetic markers 782
Plastids, *Arabidopsis thaliana* 9980
Plastocyanins
Pisum sativum, gene expression 8316
Spinacia oleracea, gene expression 3845
Plastoquinone, *Zea mays,* cold resistance 10257
Platycerium bifurcatum, tissue culture 1099, 6520
Platycerium coronarium, cell culture 11055
Plectranthus ciliatus
leaves 8898
varieties, Easy Gold 8898
Pleioblastus amarus, taxonomy 11089
Pleiotropy 86
Arabidopsis thaliana, development 77
Brassica campestris
Leptosphaeria maculans 4052
Peronospora parasitica 4052

Pleiotropy *cont.*
Cicer arietinum
determinate and indeterminate habit 9454
sterility 9454
Citrus reticulata, habit 10743
Citrus sinensis, habit 10743
Glycine max
colour 9393
flowers 9393
seeds 9393
sterility 10404
Lupinus albus, height 3687
Pennisetum purpureum, height 2308
Pisum sativum
amylopectin 12507
amylose 12507
Triticum aestivum
gibberellins 11249
growth regulators 11249
height 5629
leaves 11249
Zea mays
habit 5758
inflorescences 1367
leaves 5758
seeds 5758
Pleospora tarda*, *Lycopersicon esculentum 2587
***Pleurothallis*, taxonomy** 3103, 11048
Pleurotus
compatibility 1130, 7750
interspecific hybridization 1130, 8930
taxonomy 1130
Pleurotus cornucopiae
combining ability 11095
cytoplasmic inheritance 12056
DNA 9905
heterosis 11095
interspecific hybridization 11095
protoplast fusion 12056
***Pleurotus cystidiosus*, DNA 9905**
Pleurotus florida
combining ability 11095
heterosis 11095
interspecific hybridization 11095
mutations
laccase 2006
lignin 2006
Pleurotus ostreatus
artificial selection, fructification 1128
combining ability 11095
genetic distance, isoenzymes 3133
heterosis 11095
interspecific hybridization 9904, 11095
laccase 6555
mitochondrial genetics 11092
multivariate analysis
genetic distance 3133
isoenzymes 3133
nucleotide sequences, laccase 9902
peroxidases 6555
protoplast fusion 9904
protoplasts 6555
ultraviolet radiation 6555
Pleurotus pulmonarius
compatibility 7750
DNA 9905
Pleurotus sajor-caju
interspecific hybridization 9904
protoplast fusion 9904
***Pleurotus salmoneo-stramineus*, DNA 9905**
Pleurotus sapidus
combining ability 11095
heterosis 11095
interspecific hybridization 11095
***Pleurotus* (×) *Schizophyllum*, protoplast fusion 1126**
Plum pox potyvirus
Nicotiana benthamiana, genetic transformation 922, 925
Prunus
genetic transformation 922
apricots 735
peaches 755
plums 743, 745, 6189
Prunus armeniaca 732-734, 736-738, 10673
genetic transformation 671
Prunus domestica 733
genetic transformation 671, 744
Plum pox potyvirus *cont.*
Prunus persica 753, 2685
stone fruits 669-670
Plumbago zeylanica
development 5456
pollen 5456
***Plutella xylostella*, *Brassica campestris*, natural selection 841**
***Poa alpina*, interspecific hybridization 12420**
Poa annua
amplified fragment length polymorphism 2374
restriction fragment length polymorphism 2374
***Poa flexuosa*, interspecific hybridization 12420**
***Poa jemtlandica*, genetic variation, isoenzymes 12420**
Poa pratensis
anatomy 3043
apomixis 1428, 11461
breeding 12419
Claviceps purpurea 3654
DNA, techniques 3189
drought resistance 9324
ecotypes 7077
genetic markers, sexual reproduction 12414
genetic resources 7077
germination 6458-6459
heat resistance 9324
height 3043
lawns and turf 5374, 11467
leaves 3043
nitrogen 2375, 9825
nutrients 2375, 9825
seedlings 6458-6459
tissue culture 404
transpiration 11467
treading 5374
variety classification 5373
variety trials 7075, 7669, 10018
water balance 9324
varieties 7669, 11013
***Poa trivialis*, varieties 7669**
Poaceae
chemotaxonomy 10344
fructans 10344
gene mapping 10026
evolution 12417
Mayetiola destructor 2132
molecular genetics 10026
evolution 8987
nomenclature 2388
nucleotide sequences, evolution 8987
proteins 11462
seeds 11462
taxonomy 11462
***Podocarpus falcatus*, provenance trials 11979**
***Podocarpus lambertii*, pollen 4213**
***Podocarpus nubigenus*, pollen 4213**
***Podocarpus parlatorei*, pollen 4213**
***Podophyllum hexandrum*, yield correlations 12036**
***Podosphaera leucotricha*, *Malus pumila* 10662**
***Pogostemon cablin*, tissue culture 1122**
Polanisia dodecandra
androecium 11999
flowering 11999
Polianthes tuberosa
flowers 4311
plant composition 4311
Pollen 3263, 3270, 3272, 7861, 10013
Abies, molecular genetics 1017
Abies alba 10978
Actinidia deliciosa, cytology 2703
Allium 2522
Alstonia 13026
Angelica 4317
angiosperms 6669
Anigozanthos viridis 8847
Arabidopsis thaliana 1205, 9006
gene expression 61
genetic transformation 7831
mutations 12130
Aristea 1086
Artemisia 3114
artificial selection 1
Asparagus officinalis, storage 3848
Pollen *cont.*
Asphodelus 1088
Brassica
storage 1605
Chinese cabbages, storage 1605
Brassica campestris 4042
Brassica napus
rape 7280
gene expression 4027, 7453, 12723
nucleotide sequences 4027, 12723
Brassica oleracea, broccoli 7280
Brassicaceae 9666
Camellia sinensis 6310
Cannabis sativa 7612
Capsicum annuum 1678
Chamaecyparis obtusa, nucleotide sequences 2990
Cichorium intybus 2558
Citrus reticulata 5149
Citrus sinensis 5149
Coronilla 11513
Croton 1100
Cucumis melo 641
Cycas 8804
Fagus sylvatica, polymerase chain reaction 10909
fodder plants 1427
forest trees 11921
gene expression 3160
Ginkgo biloba 3274
Glycine 3707
Grabowskia 10998
Gymnocalycium 11053
Helianthus annuus 2756
genetics 848
Hevea, storage 6360
Hordeum vulgare 4551, 5669
Lablab purpureus 9495
Leucaena 10391
Lilium 8876
Lilium davidii, storage 4281
Lilium longiflorum 4042, 6499, 13010
Liriodendron chinense, abnormal development 11951
Lolium perenne 11471-11472
Lycium 10998
Lycopersicon esculentum, genetic transformation 594
Lycoris 8869
Malus pumila, storage 10644
Mangifera indica 9636
Medicago sativa
gene expression 4788-4789
nucleotide sequences 4788-4789
Musa 3994
natural selection 3271
Nicotiana plumbaginifolia, polyploidy 10857
Nicotiana tabacum 3274, 6324, 12813
DNA methylation 902
genetic markers 8695
genetic transformation 7831
Olea europaea 857, 11830-11831
storage 4067
Orchidaceae 11043
Oryza sativa
gene expression 12361
genetic engineering 12361
storage 331
Paeonia tenuifolia 12984
Pelargonium zonale 9812
Phaseolus vulgaris 482
Phrodus 10998
Pinus monticola 993
Pisum sativum, cytoplasmic inheritance 6057
Plumbago zeylanica 5456
Podocarpus lambertii 4213
Podocarpus nubigenus 4213
Podocarpus parlatorei 4213
Protea 5351
storage 4216
Protea eximia, storage 3027
Protea magnifica, storage 3027
Prunus, peaches 7390
Prunus armeniaca 697
Prunus cerasus 11715
Prunus dulcis 12709
Prunus persica 8488
Pueraria 2413

Pollen *cont.*
Quercus 11928
Raphanus sativus 1597
storage 1605
reviews 10011
Rosa hybrida, induced mutations 12958
Silene latifolia
gene expression 11020
nucleotide sequences 11020
Solanum berthaultii
gene expression 6085, 12176
nucleotide sequences 6085
Solanum tuberosum, gene expression 4909
Stevia 6307
Trillium 11032
Triticum aestivum 10047-10048, 11248, 12232
gene expression 3317
nucleotide sequences 3317
Triticum araraticum 11248
Triticum monococcum 11248
Vaccinium 9606
Vicia faba, techniques 12478
Vitis vinifera 12673
Zea mays 10188-10189
fluorescence *in situ* hybridization 1361
gene expression 266, 3509, 8083
gene mapping 5753
genetic engineering 5784
genetics 5802
mutations 9217
nucleotide sequences 266, 8083
storage 3437, 4596
Ziziphus mauritiana 11779
Pollen competition
Betula pendula 4161
Cucurbita pepo 1704
Cucurbita texana 1704
Hibiscus moscheutos 4259
Iris brevicaulis 6490
Iris fulva 6490
Iris hexagona 6490
Larix decidua 4161
Lindera benzoin 5451
Mirabilis jalapa 11021
Populus balsamifera 4161
Raphanus sativus 4941
Zea mays 9211
gene mapping 4601
Pollen culture (*see also* Anther culture)
Apium graveolens 7298
Brassica, reviews 4041
Brassica campestris 5180
turnip rape 5179
Brassica juncea 7471
Brassica napus 1784
rape 831, 4049, 4096, 5180, 7280, 7472, 10772
Brassica oleracea
broccoli 7280
cabbages 1628
Cichorium intybus 3853
Ginkgo biloba 4211
Glycine max 3712
haploidy, reviews 5586
Hordeum vulgare 3379
Medicago sativa 3675
Nicotiana tabacum 1858, 6334
Oryza sativa 4688
Raphanus sativus 7254
Rosa 7668
Solanum tuberosum 544
Triticum aestivum 139
Vitis 9615
Pollen germination 3264, 3266, 9064, 9069
Agapanthus umbellatus 4260
Allium cepa 10569
Brassica × *Orychophragmus* 9660
Cannabis sativa 7612
Crescentia cujete 11949
Cucumis melo 7334
Fragaria ananassa 10696
Malus pumila 10644, 10656
Mirabilis jalapa 11021
Nicotiana tabacum, gene expression 2841
Persea americana 8531
Phalaris coerulescens
gene expression 10362
nucleotide sequences 10362
Pollen germination *cont.*
Phaseolus vulgaris 482
Picea abies 2961
Pinus sylvestris 2961
Pistacia vera 10762
Protea repens 3027
Prunus armeniaca 702
Prunus dulcis 6232
Quercus alba 10907
Quercus rubra 10907
Quercus velutina 10907
reviews 11205
Solanum melongena 5049
Solanum tuberosum 3792
Trifolium dubium 11503
Tulipa 7698, 11039
Vitis vinifera 11751
Zea mays 10188
chromosome translocation 268
Pollination 7861, 9068, 12170, 12173-12175
Acacia drepanolobium 10931
Acacia zanzibarica 10931
Annona cherimola 808, 5160
Annona senegalensis 5160
Arabidopsis thaliana, genetics 3216
Arachis hypogaea 1822
Bactris gasipaes 8541
books 12064
Brassica campestris, turnips 9518
Brassica juncea 4044
Brassica napus, rape 8566
Brassica oleracea, cabbages 2537
Cajanus cajan 9469, 10490
Caladenia tentaculata 6506
Calypso bulbosa 1974
Ceratonia siliqua 2725
Chamelaucium uncinatum 6432
Clarkia gracilis 7677
conifers 10949
Cymbidium kanran 1093
Dillenia 11950
Diospyros kaki 4008
Disa draconis 8882
Euterpe precatoria 11952
evolution 6668, 12171
Ficus 7402
conferences 4330
Ficus exasperata 3991
Ficus hispida 3991
Ginkgo biloba 10987
Glycine max 9378
Gossypium hirsutum 8719
Helianthus annuus 7489
Hordeum × *Triticum* 12205
Ipomopsis aggregata 12986
natural selection 12990
Ipomopsis tenuituba, natural selection 12990
Juglans regia 6234
Larix decidua 8802
Lechenaultia 12001
Lesquerella fendleri 8613
Lilium longiflorum 11036
Lycopersicon 601
Lycopersicon esculentum 8433
Macadamia 5167
Malus pumila 659, 6172, 10642, 10654
Mangifera indica 800
mathematics 12172
Neodypsis decaryi 11948
Nicotiana tabacum 5241
gene expression 7577
nucleotide sequences 7577
Oenothera 8846
Olea europaea 11832
Opuntia brunneogemmia 8543
Opuntia viridirubra 8543
Oryza sativa 3596, 12374
Paspalum distichum 11483
Pelargonium 9818
Pelargonium hortorum, gene expression 12920
Pennisetum glaucum 11393
Petunia hybrida 13004
Picea abies 11955
Pinus elliottii 10952
Pinus sylvestris 992, 11955
Pinus taeda 10952
Protea 5351-5352
Prunus
cherries 10639
Pollination *cont.*
Prunus cont.
peaches 8486
Prunus armeniaca 699, 708, 711, 2675
Prunus avium 11716
Prunus cerasus 11716
Prunus dulcis 6232
gene flow 4014
Pseudotsuga menziesii 10980
Pyrus communis 10639, 10642
reviews 11206
Rosa rugosa 12959
Rubus, blackberries 3963
Satyrium 3101, 8883
Scaevola 12001
Sequoiadendron giganteum 4212
Silene vulgaris 12989
Solanum tuberosum 10531
Sorbus aucuparia 2958
stone fruits 10671
Theobroma grandiflorum 8542
Trifolium repens 12444
Vaccinium 2691, 12662
Vanilla planifolia 11070
Vernonia galamensis 5205
Vicia 440
Vicia faba 3722, 8295
Vigna unguiculata 9487
Vitis vinifera 771, 11751
Zea mays 5748
Zingiber officinale 11073
Polyacetylenes, *Daucus carota* 4931
Polyamines
Arabidopsis thaliana
gene expression 9030
mutations 9030
gene expression, reviews 9942, 11204
genetic transformation 12104
genetics 12104
Nicotiana tabacum, genetic transformation 2844, 12814
Saccharum officinarum 9699
Triticum aestivum, gene expression 4534
Polyembryony (*see also* Twinning)
evolution, reviews 7864
Oryza sativa, genetics 2328
Robinia pseudoacacia 5296
Sorghum nigricans 3538
Taxus baccata 8803
Zea mays 8082
Polyethylene glycol
Hevea brasiliensis 11915
Vigna mungo, in vitro culture 1555
Polygalacturonase
Actinidia deliciosa, nucleotide sequences 9619
Brassica napus, rape, gene expression 7442
Lycopersicon esculentum
gene expression 9558
nucleotide sequences 9558
molecular genetics 12094
Phaseolus vulgaris, gene expression 12496
Rubus idaeus
gene expression 12658
nucleotide sequences 12658
Polygonatum humile, embryology 4261
Polyhaploidy (*see* Haploidy)
Polyhydroxyalkanoate synthase, *Gossypium hirsutum,* genetic transformation 4143
Polymerase chain reaction 35
Arabidopsis thaliana 8974, 11169
transposable elements 7827
Arachis cardenasii, Meloidogyne arenaria 2772
Arachis hypogaea, Meloidogyne arenaria 2772
Avena sativa, ribosomal DNA 4572
Brassica napus
variety classification 9655
rape 825, 8974
cold resistance 839
cereals 11224
Cicer arietinum, legumin 6068
Coprinus cinereus 9903
crops 8974
phylogeny 7866
ribosomal RNA 7866
Cuphea lanceolata, fatty acids 7520
Cuphea viscosissima, fatty acids 7520

Polymerase chain reaction *cont.*
Digitaria 2383
Epimedium koreanum 11996
Fagus sylvatica, pollen 10909
Ganoderma, taxonomy 4323
glutamate-ammonia ligase 5520
Glycine max
diseases 2435
linolenic acid 7148
salinity 9407
stearoyl-CoA desaturase 7148
Helianthus annuus, cytoplasmic male sterility 4060
Hordeum bogdanii, repetitive DNA 4461
Hordeum parodii, repetitive DNA 4461
Hordeum vulgare 1312
Erysiphe graminis 3386
repetitive DNA 4461
transposable elements 6779
Lens 12510
Lentinula edodes 5476
Lilium, phylogeny 12019
Malus pumila, rooting capacity 10641
Musa, repetitive DNA 6215
myosins 6619
Oryza sativa
cytoplasmic male sterility 9291
hybrid varieties 3588
Xanthomonas oryzae 12405
Petunia hybrida, proteins 1078
Phaseolus vulgaris, bean common mosaic potyvirus 4865
Prunus dulcis, rooting capacity 10641
Quercus petraea 7623
Quercus robur 7623
Ribes nigrum, dehydrins 12661
Saccharum officinarum 9694
Secale cereale, repetitive DNA 4461
Solanum tuberosum
protoplast fusion 7220
variety classification 10530
Stylosanthes 1477
taxonomy 6621
techniques 7800
telomeres 5583
Triticum aestivum 12220
chromosome pairing 11242
Erysiphe graminis 3386
glutenins 4474, 7974
Heterodera avenae 184
Puccinia recondita 2197
repetitive DNA 4461
Triticum durum
chromosome pairing 11242
glutenins 4474, 4499
variety classification 1171
Vitis vinifera
stilbene synthase 12670
variety classification 6204, 12670
Zea mays 10153, 11161
drought resistance 10255
transposable elements 5731
Polymers
genetic engineering 11155
Nicotiana tabacum, genetic transformation 7558
Polymorphism
Adenophora potaninii, isoenzymes 9831
Agaricus bisporus, esterases 1129
Aloe arborescens, isoenzymes 7714
Aloe ferox, isoenzymes 7714
Amphicarpaea bracteata, isoenzymes 449
Arabidopsis thaliana
alcohol dehydrogenase 55
isoenzymes 11170
Arabis gemmifera, alcohol dehydrogenase 55
Aristavena, isoenzymes 9340
Armeria maritima, isoenzymes 7673
Asparagus officinalis, isoenzymes 4989, 7306
Avena, isoenzymes 1260
Avenella, isoenzymes 9340
Beta maritima, isoenzymes 8674
Cajanus cajan, peroxidases 8339
Canarium, isoenzymes 10938
Citrus, isoenzymes 4002
Cocos nucifera, esterases 12751
Cucumis sativus, esterases 12636
Cyclamen balearicum, isoenzymes 12011
Cyclamen hederifolium, isoenzymes 5426
Polymorphism *cont.*
Cyclamen repandum, isoenzymes 5426
Dactylorhiza incarnata, esterases 8884
Deschampsia, isoenzymes 9340
Fagus sylvatica, isoenzymes 967
Fortunella, isoenzymes 4002
Gentiana pneumonanthe, isoenzymes 1956
Glycine max, isoenzymes 1493
Glycine (×) *Nicotiana*, isoenzymes 1493
Helianthus annuus, isoenzymes 10789
Helianthus argophyllus, isoenzymes 10789
Hordeum, isoenzymes 1260
Hordeum spontaneum
isoenzymes 6793
proteins 216
Hordeum vulgare
esterases 8028
hordein 205, 8028
isoenzymes 209
Ipomoea, isoenzymes 9523
Larix sukaczewii, isoenzymes 1024
Lens, isoenzymes 500
Leymus racemosus
glutenins 413
isoenzymes 413
Microcitrus, isoenzymes 4002
Nicotiana tabacum, isoenzymes 1493
Onobrychis
isoenzymes 5995
peroxidases 5995
Oryza glaberrima, isoenzymes 7036
Oryza sativa, isoenzymes 7036, 7050, 8147, 12382
Pennisetum, isoenzymes 12346
Pinus sylvestris
dihydrolipoamide dehydrogenase 10958
isoenzymes 999, 4196, 10958
Poncirus, isoenzymes 4002
Prunus
isoenzymes 11723
cherries, isoenzymes 6190
Pyrus boissierana, isoenzymes 12648
Pyrus communis, isoenzymes 12648
Quercus robur, isoenzymes 2935
Rosa, isoenzymes 8829
Sesamum indicum, isoenzymes 7516
Solanum tuberosum, proteins 10532
Sorghum bicolor
repetitive DNA 12338
variety classification 12338
Triticum aestivum
gliadin 3341
peroxidases 10052
Triticum boeoticum, gliadin 4495
Triticum monococcum, gliadin 4495
Triticum spelta
gliadin 3341, 11261
glutenins 11261
Triticum urartu, gliadin 4495
Zea mays
accessory chromosomes 3461
isoenzymes 1260, 8089
peroxidases 9230
Polymyxa graminis*, *Triticum aestivum 182
Polyocha depressella*, *Saccharum officinarum 885, 2793-2794
Polypeptides, *Citrullus lanatus*, genetics 1698
Polyphagotarsonemus latus*, *Camellia sinensis 7553
Polyphenols, *Coffea canephora* 4109
Polyploidy
Acacia 8789
Actinidia 5132, 11760
Actinidia chinensis 7401
Actinidia deliciosa 6209
Aegilops squarrosa 10054
Allium 7263
Allium cepa 7259
Allium dregeanum 11629
Allium fistulosum 7259
Allium grayi 11626
Aloysia lycioides 6530
Alstroemeria aurea 8868
Alstroemeria caryophyllaea 8868
Arabidopsis thaliana
gene expression 67
genetic transformation 67
Polyploidy *cont.*
Aranda 6505
Arecaceae 1890
Arrhenatherum elatius 5970
population genetics 11484
Astragalus adsurgens 2412
Beta vulgaris, sugarbeet, yield components 12796
Boehmeria 6357
Brassica 1774
Chinese cabbages 1606
Brassica campestris 11797
sarson 8584
toria 8584
Brassica chinensis 1614, 6117
Brassica juncea 8584
Brassica napus 11797
rape, genetics 7452
Brassica oleracea 11797
Brassica × *Raphanus* 7252
Camellia 9811
Camellia lutchuensis 12922
Camellia rusticana 12922
Camellia sinensis 9708
Catharanthus roseus 4295
Chamomilla recutita 8911, 8915, 11068
chromosome pairing 4439
Citrullus lanatus 1696, 2627, 6159
Citrus 796, 11773
Citrus limon 5150
Citrus sinensis 5150
Clitoria ternatea 11019
conifers 10948
Corydalis yanhusuo 3113
Cucumis melo 10621
Cucumis sativus 3907
Cyclamen persicum 1081
Cymbopogon martinii 9897
Dactylis glomerata 11469
Dendrobium superbiens 3100
Elymus spicatus 11480
Eragrostis 3663
Eragrostis tef 3665
Fagopyrum esculentum 5948
Fagopyrum tataricum 5948
Festuca pratensis 3659
Festuca × *Lolium* 11460
Fortunella crassifolia 3997
Fortunella (×) *Poncirus* 7413
Fragaria ananassa 10695
Fragaria vesca 10695
Gossypium hirsutum 8718
Gynostemma 10631
Hemarthiria altissima 8219
Hibiscus syriacus 1048, 3033
Hyacinthus 1971
Juglans regia 7429
Lavandula angustifolia, essential oils 9895
Lolium multiflorum 2377
Lolium perenne 2377, 4768-4769, 9331
nutritive value 403
Maclura pomifera 5295
Mallotus philippensis 7740
Malus 7354
Malus pumila 658, 2671, 6172
Manihot 10553
mathematics 3260
Medicago sativa 10373
Mokara 6505
Morus 786
Morus alba 785
Musa 10720, 11766
Narcissus 1971
Nicotiana plumbaginifolia, pollen 10857
Oryza minuta 4690
Panicum virgatum 1389, 9272
Parthenium argentatum 5276, 11916
Pennisetum 12346
Phleum alpinum 2386
Plantago 13025
Prosopis 8789
Psathyrostachys juncea 3662, 9334
Pyrus communis, mutations 6181
Rhododendron 5350
Rosa 1940, 6457, 12957
Saccharum spontaneum 8649
Salvia miltiorrhiza 3112, 6529
Secale cereale 1345
Secale montanum 6804
Solanum chacoense 6095

Polyploidy *cont.*
Solanum nigrum 3111
Solanum tuberosum 9505
Solanum viarum 8917
Sorghum bicolor 3537
Trifolium hybridum 433
Trifolium nigrescens 10377
Trifolium pratense 8234
Trifolium repens 10377
Tripsacum dactyloides, germplasm releases 6952
triticale 6849
Triticum 10054
Tulipa 1971
Vaccinium 6198
Vicia faba 10446
Vitis vinifera 12672
Zantedeschia 4277, 6494
Zea mays 10190
Polysaccharides
Agaricus bisporus, genetics 6554
algae, biotechnology 5480
Lupinus albus 10386
Lupinus angustifolius 10386
Lupinus luteus 10386
Sorghum bicolor 11381
triticale, chromosome addition 6879
Polysomaty (*see* Mixoploidy)
Polysomics (*see* Aneuploidy)
Polystachya anthoceros, taxonomy 1095
Polystachya armeniaca, taxonomy 1095
Polystachya valentina, taxonomy 1095
Polyubiquitin
Arabidopsis thaliana
gene expression 11184
nucleotide sequences 11184
Nicotiana tabacum, gene expression 8690
Pome fruits
biotechnology 9588
Erwinia amylovora 654
Poncirus
polymorphism, isoenzymes 4002
repetitive DNA, variety classification 12690
restriction fragment length polymorphism, variety classification 12690
Poncirus trifoliata
genetic resources 791
genetics, *Deuterophoma tracheiphila* 10744
isoenzymes 2719
random amplified polymorphic DNA, citrus tristeza closterovirus 7420
restriction fragment length polymorphism 12689
Poncirus* × *Citrus, intergeneric hybridization 797, 7411, 7420, 8521, 12690
Poncirus* (×) *Fortunella, protoplast fusion 7413
Pontederiaceae, chloroplast genetics, phylogeny 1103
Popillia japonica, Malus 5086
Population genetics 87-88, 1225, 3249, 3256, 3261, 5579-5580, 6664, 7847-7849, 9996-9998, 10001, 10004, 11121, 11199-11200, 12163
Abies alba 11974
Aloe arborescens 7714
Aloe ferox 7714
Arabidopsis thaliana 11170
Arrhenatherum elatius, polyploidy 11484
Cecropia obtusifolia 2957
Chimaphila japonica 6528
Cupressus 10985
Cyclamen balearicum 12011
Cyclamen creticum 8865
Cyclamen hederifolium 5426
Cyclamen repandum 5426
development 12165
Fagus sylvatica 967
forest trees 11920
Hordeum 5671
Lathyrus sylvestris 3692
Lesquerella fendleri 4084
Lolium perenne 7080
mathematics 5578, 7851, 10006
pathogens 7784
mathematics 7783
Phaseolus lunatus 8302
Picea abies, flowering 2977
Picea engelmannii 5320
Population genetics *cont.*
Picea glauca 5320
Picea glehnii 8800
Pinus sylvestris 6397
Pyrola japonica 6528
quantitative traits 6660
Senecio vulgaris, Erysiphe cichoracearum 7792
statistics 6661, 6663, 7852, 12115
Thymus vulgaris 7729
Viola etrusca 5405
Populus
abscisic acid 5289
air pollution 11939
amplified fragment length polymorphism 4170
artificial selection
height 4172
rotations 4174
Basilepta waterhousie 4177
biomass 958
breeding 5285, 6372
cold resistance 4175, 10912
colour 8786
coppicing 959, 4173
diseases 4176, 10920
drought resistance 5289-5290, 10919, 12876
fluorescence *in situ* hybridization, ribosomal DNA 2942
gene expression
amino acids 12873
carbonate dehydratase 12869
cell division 9791
citrate synthase 6677
β-glucuronidase 12851
glutamate-cysteine ligase 12873
genetic engineering, lignin 12874
genetic markers, *Melampsora larici-populina* 1884
genetic transformation 9949
Agrobacterium rhizogenes 4169, 12868
amino acids 12873
cell division 9791
flavonoids 12877
β-glucuronidase 12851
glutamate-cysteine ligase 12873
growth regulators 11143
insects 10924
Lymantria dispar 11940
naringenin-chalcone synthase 12877
proteinase inhibitors 11940
genetics 6372
leaves 10917
growth regulators 5289
leaves 8786
molecular genetics, insects 2946
Mycosphaerella populorum 10923
nucleotide sequences
carbonate dehydratase 12869
citrate synthase 6677
provenance trials 10912
pulping 11938
random amplified polymorphic DNA
Melampsora larici-populina 7627
taxonomy 6375
rotations 958-959
stomata 5289
transposable elements 8786
variety trials 6373
water balance 5289-5290, 10923
wood properties 11938
Populus alba
gene expression
S-adenosylmethionine synthetase 6374
dormancy 12870
genetic transformation
S-adenosylmethionine synthetase 6374
cinnamyl-alcohol dehydrogenase 12875
lignin 12875
genetic variation 970
interspecific hybridization 970, 10919, 12851, 12870, 12873-12875, 12877
Populus balsamifera
heritability, wood properties 971
pollen competition 4161
provenance trials, wood properties 971
Populus canadensis
genetic transformation, *Agrobacterium tumefaciens* 10914
genotype environment interaction 6378
Melampsora larici-populina 10921
stability 6378
Populus canescens
gene expression
cinnamyl-alcohol dehydrogenase 10918
glutamate-cysteine ligase 6377
genetic transformation
cinnamyl-alcohol dehydrogenase 9785, 9789, 10918
glutamate-cysteine ligase 6377
lignin 9789
genetic variation 970
promoters, cinnamyl-alcohol dehydrogenase 9785
Populus deltoides
energy resources 1883
epistasis, yield components 5287
genetic transformation, *Agrobacterium tumefaciens* 10914
genetics
canopy 8785
Melampsora 12879
Melampsora larici-populina 12878
genotype environment interaction, yield components 5288
heritability, yield components 5287-5288, 11937
interspecific hybridization 1884, 5287-5288, 6376, 8785, 10917, 12878-12879
variety trials 1882, 7625-7626
yield correlations 11936
Populus grandidentata, interspecific hybridization 12851
Populus kitakamiensis
genetic transformation 10915
nucleotide sequences, cinnamate 4-monooxygenase 4171
Populus mexicana, multivariate analysis, morphology 8787
Populus nigra
cell culture 4168
genetic resources 2941, 5286
genetic transformation, *Bacillus thuringiensis* 969
genetic variation, isoenzymes 2944
genetics, *Melampsora larici-populina* 12878
interspecific hybridization 1884, 2941, 12878
molecular genetics
growth regulators 4168
zeatin 4168
Phloeomyzus passerinii 2945
Populus suaveolens, interspecific hybridization 6376
Populus tomentosa, interspecific hybridization 10919
Populus tremula
gene expression
S-adenosylmethionine synthetase 6374
cinnamyl-alcohol dehydrogenase 10918
dormancy 12870
stress 12855
genetic transformation 9786, 9788, 10913, 12853, 12871
S-adenosylmethionine synthetase 6374
Agrobacterium rhizogenes 9787
Chrysomela tremulae 12880
cinnamyl-alcohol dehydrogenase 10918, 12875
lignin 12875
morphology 11935
mycorrhizas 11934
genetic variation 970
interspecific hybridization 970, 8786, 9787-9788, 10919, 11934, 12868-12871, 12873-12875, 12877, 12880
tissue culture 12855
Populus tremuloides
clonal variation
leaves 2943
plant composition 2943

Populus tremuloides *cont.*
genetic transformation 9788, 10913, 12871
Agrobacterium rhizogenes 9787
Chrysomela tremulae 12880
morphology 11935
mycorrhizas 11934
Hypoxylon mammatum 10922
interspecific hybridization 8786, 9787-9788, 11934, 12868-12869, 12871, 12880
seed production 10916
sexual reproduction 10916
Populus trichocarpa
epistasis, yield components 5287
genetics
canopy 8785
Melampsora 12879
genotype environment interaction, yield components 5288
growth period 9790
heritability, yield components 5287-5288
interspecific hybridization 5287-5288, 8785, 10917, 12879
Melampsora occidentalis 9790
molecular genetics, flowering 12872
Porphyra purpurea, chloroplast genetics, phylogeny 11214
Porteresia coarctata
genetic markers, genetic variation 11406
genetic resources 5868
Posidonia australis, outcrossing 13051
Pot plants
Leucospermum, artificial selection 3034
Serruria, artificial selection 3034
Potassium
Arabidopsis thaliana
gene expression 12121
genetic engineering 6628
molecular genetics 5564
nucleotide sequences 12121
Gossypium hirsutum 2896
Miscanthus ogiformis 9339
Miscanthus sinensis 9339
Nicotiana benthamiana, genetic transformation 11888
Oryza sativa 374, 3624, 4733
Saccharum officinarum 9695
Zea mays 6944
Potato A potyvirus
Capsicum annuum 7231
Capsicum chinense 7231
Solanum tuberosum 4925
genetics 1579
Potato leaf roll luteovirus
Chenopodium quinoa
gene expression 7230
genetic transformation 7230
Solanum tuberosum
gene expression 7230, 7234
genetic transformation 3804, 7230, 7234-7235, 10546
Potato S carlavirus, *Solanum tuberosum,* artificial selection 552
Potato spindle tuber viroid, *Solanum tuberosum,* genetic transformation 10544
Potato X potexvirus
Nicotiana tabacum
gene expression 9753, 11898
genetic transformation 2855, 9753, 11898, 12822
Solanum tuberosum
amplified fragment length polymorphism 12554-12555
gene mapping 12555
genetics 7793, 12553-12554
restriction fragment length polymorphism 12554
Potato Y potyvirus
Capsicum annuum 2613, 7231
genetics 2612
Capsicum chinense 7231
Nicotiana tabacum 926, 6334
artificial selection 6335
genetic transformation 1865, 4130, 12825-12826
Solanum tuberosum 554, 2485, 4925, 7232
artificial selection 548, 553
gene expression 4924
gene mapping 4922-4923
Potato Y potyvirus *cont.*
Solanum tuberosum cont.
genetic transformation 4924, 7233
genetics 1579, 12553
restriction fragment length polymorphism 4922
Potentilla tristis, taxonomy 5363
Potentilla* × *Fragaria, intergeneric hybridization 1733
Pouteria campechiana, genetic resources 8540
Pouteria sapota, genetic resources 8539-8540
Pratylenchus brachyurus, *Glycine max* 4843
Pratylenchus coffeae
Coffea canephora 11872
genetic markers 4109
Musa 11768
Pratylenchus neglectus
Secale cereale 6691
triticale 6691
Triticum aestivum 6691
Pratylenchus penetrans
Brassica 5183
Brassica napus, rape 5183
Sinapis arvensis 5183
Pratylenchus thornei, *Triticum aestivum* 162
Pratylenchus vulnus, *Prunus* 3946, 6185
Prays oleae, *Olea europaea* 12763
Precocity
Elaeis guineensis 7502
forest trees 10894
Juglans regia 6236
Zea mays, combining ability 10204
Prescottia tepuyensis, taxonomy 8889
Primisulfuron, *Gossypium hirsutum,* somaclonal variation 10883
Primula maguirei, isoenzymes 8849
Primula tommasinii, genetics, heterostyly 7676
Primula vulgaris
genetics
female fertility 6468
heterostyly 6468
Proanthocyanidins, *Abies sibirica* 1906
Procontarinia matteiana, *Mangifera indica* 803, 11777
Profilin
Arabidopsis thaliana
gene expression 2079
molecular genetics 2079
Prohibitin
Arabidopsis thaliana
gene expression 6640
nucleotide sequences 6640
Nicotiana tabacum
gene expression 6640
nucleotide sequences 6640
Prolamins
Festuca arundinacea 5957
Oryza sativa
gene expression 3583
nucleotide sequences 3583, 3587
triticale 6859
chromosome substitution 6858
Prolificacy
Glycine max, genetic variance 8268
Zea mays 231, 9223
artificial selection 3470-3471, 5759
genetic variance 12323
heritability 12323
Proline
Arabidopsis thaliana
gene expression 6658
mutations 3223
Brassica 3839
Capsicum annuum 5058
Capsicum frutescens 12625
Citrus 9635
Cucumis sativus, nucleotide sequences 9580
Medicago sativa 10371
Rutaceae 9635
Triticum aestivum
heritability 5643
in vitro selection 5643
mutations 5643
Zea mays 5830
Proline betaine
Citrus 9635
Rutaceae 9635
Proline dehydrogenase
Arabidopsis thaliana
gene expression 62, 4427
genetic engineering 4427
nucleotide sequences 62, 4427
Proline oxidase, *Arabidopsis thaliana,* nucleotide sequences 2091
Proline-rich proteins
Gossypium hirsutum, nucleotide sequences 2871
Medicago sativa
gene expression 12435
nucleotide sequences 12435
Prometryn
Gossypium 11911
Gossypium barbadense 946
Gossypium hirsutum 946
Promoters
Brassica oleracea, self incompatibility 9531
Parasponia andersonii, haemoglobin 9354
Populus canescens, cinnamyl-alcohol dehydrogenase 9785
reviews 11156
Trema tomentosa, haemoglobin 9354
Triticum aestivum
histones 10042
ribulose-bisphosphate carboxylase 2141
Propiconazole, *Festuca arundinacea* 412
Prosopis
chromosome morphology, techniques 11944
DNA 8789
genetic distance, isoenzymes 7638
genetic variation, isoenzymes 7638
polyploidy 8789
spines 5298
taxonomy 7638, 8789
vegetative propagation 5298
Prosopis cineraria
genetic resources 8792
heritability, seeds 5299
Prosopis flexuosa, provenance trials 7630
Prosystemin, *Lycopersicon esculentum,* genetic transformation 3885
Protea
breeding 3004
gynoecium 5351
interspecific hybridization 5351
pollen 5351
pollination 5351-5352
storage, pollen 4216
varieties, Pink Princess 5346
Protea compacta, interspecific hybridization 5346
Protea eximia, storage, pollen 3027
Protea magnifica
interspecific hybridization 5346
storage, pollen 3027
Protea pudens, varieties, Pixie 1917
Protea repens
pollen germination 3027
tissue culture 3031
Proteaceae, breeders' rights 3005
Proteasomes
Daucus carota
gene expression 8393
nucleotide sequences 8393
Protected cultivation, *Capsicum annuum* 629
Protein disulfide-isomerase
Ricinus communis
gene expression 9691
nucleotide sequences 9691
Protein kinase
Antirrhinum majus
gene expression 1070, 1962
nucleotide sequences 1070, 1962
Arabidopsis thaliana
gene expression 50, 7819, 8992, 9031, 11166, 11174, 11334
molecular genetics 6651, 9001, 9033
mutations 9033
nucleotide sequences 78, 7819, 8992, 11166, 11174, 11334
Avena sativa
gene expression 9177
nucleotide sequences 9177

Protein kinase *cont.*
Brassica napus
rape
gene expression 9654
nucleotide sequences 9654
Catharanthus roseus, nucleotide sequences 4293
gene expression 4369
Glycine max
gene expression 12458
molecular genetics 9383
nucleotide sequences 12458
Hordeum vulgare, gene expression 195, 9078
Ipomoea trifida, nucleotide sequences 1591
Lycopersicon esculentum
gene expression 7320, 10604
genetic engineering 5039-5040, 10604
molecular genetics 5039-5040
nucleotide sequences 7320
Medicago sativa
gene expression 7097, 7104, 9344
nucleotide sequences 7097
Nicotiana tabacum
gene expression 6330, 7577, 9739
nucleotide sequences 6330, 7577, 9739
Oryza sativa, gene expression 5882
Papaver rhoeas 1106
Petunia hybrida, molecular genetics 9001
Solanum tuberosum
gene expression 9504
genetic transformation 9078
nucleotide sequences 9504
Triticum aestivum
gene expression 7921, 9107
gene mapping 4536
linkage 4536
nucleotide sequences 4536, 7921, 9107
Zea mays
gene expression 3449, 3511, 9200, 11334
gene mapping 10155
molecular genetics 9200
nucleotide sequences 3449, 11334
Protein phosphatase
Arabidopsis thaliana
mutations 9027
nucleotide sequences 9027
Proteinase inhibitors
Cajanus 6072
Cajanus cajan 6072
cereals 1261
Daucus carota
gene expression 9514
nucleotide sequences 9514
Glycine max, gene expression 6012
Glycine tomentella, genetics 4825
Lycopersicon esculentum, gene expression 3290, 3876
Oryza sativa, nucleotide sequences 9284
Pisum sativum
gene expression 9437
nucleotide sequences 9437
Populus, genetic transformation 11940
Psophocarpus tetragonolobus, gene expression 4894
Saccharum officinarum, genetic transformation 8670
Salix viminalis, gene expression 11940
Solanum brevidens, genetic transformation 2488
Solanum phureja, gene expression 3290
Solanum tuberosum
gene expression 2491, 8381, 10533
nucleotide sequences 8381, 10533, 11602, 12544
Proteinases
Arabidopsis thaliana
gene expression 5560, 11184
nucleotide sequences 5560, 11184
Lycopersicon esculentum
gene expression 592
nucleotide sequences 592
Petunia hybrida, gene expression 3073
Spinacia oleracea
gene expression 10583
nucleotide sequences 10583
Proteins
Arabidopsis thaliana
gene expression 1200, 1207, 3203, 5541
nucleotide sequences 1198, 1200, 1207, 3203, 3215, 5541, 9991
Avena sativa 9179
Brassica napus
rape 7477
combining ability 8572
heterosis 8572
Brassica oleracea, broccoli 4965
Brassica pekinensis 4965
gene expression 8421
nucleotide sequences 8421
Camellia sinensis, genetics 1844
Camptotheca acuminata
gene expression 5453
nucleotide sequences 5453
Canavalia gladiata
gene expression 7210
nucleotide sequences 7210, 11588
Capsicum annuum 4965
Celosia, multivariate analysis 8850
Chenopodium quinoa 4754
Cicer arietinum 12516
Clerodendrum aculeatum
gene expression 7726
nucleotide sequences 7726
Coronilla varia 3693
Daucus carota
gene expression 10548
nucleotide sequences 10548
Eleusine coracana, heterosis 5865
Fagus orientalis, genetic markers 968
Fagus sylvatica, genetic markers 968
Glycine max 6015, 6017, 7152-7153, 8271, 8279, 11535
artificial selection 8282, 9368
gene expression 1490, 4818
gene mapping 1499
genetic distance 462
genetic markers 8281
genetic variance 8282
genotype environment interaction 1498
heritability 8282
induced mutations 3714
nucleotide sequences 1490, 4818
restriction fragment length polymorphism 1499, 8281
Gossypium 1872
Gossypium arboreum 8722
Gossypium barbadense 7598
Gossypium hirsutum 5258, 7598
gene expression 9763, 10874
nucleotide sequences 9763, 10874
gymnosperms, genetic markers 985
Hordeum spontaneum, polymorphism 216
Hordeum vulgare, genetic markers 2219
Hordeum × *Triticum* 12210
Ipomoea batatas 8399, 11614
Juglans regia 6237
Lathyrus sativus 10394
Lens, genetic distance 12511
Lens culinaris
combining ability 2464
genetic distance 12511
Lotus corniculatus, genetic transformation 12186
Luffa acutangula 6168
Luffa aegyptiaca 6168
Lupinus mutabilis 441
Lycopersicon esculentum 5029
Medicago sativa, genetic transformation 12186
mitochondrial genetics
databases 4378
reviews 7803
Nicotiana benthamiana, gene expression 2834
Nicotiana clevelandii, gene expression 2834
Nicotiana tabacum
gene expression 7569
genetic transformation 1490, 12186
molecular genetics 1852
nucleotide sequences 7569
nucleotide sequences, databases 4378
Oryza sativa 356, 367, 376, 2340, 4739, 12383
Proteins *cont.*
Oryza sativa cont.
combining ability 2354
gene mapping 4707
heterosis 2354
induced mutations 4707
mutations 12394
nucleotide sequences 10295
restriction fragment length polymorphism 4707
Petunia hybrida
nucleotide sequences 1078
polymerase chain reaction 1078
Phaseolus vulgaris 6047
Pisum sativum 496
Poaceae 11462
Prunus, peaches 7390
Robinia pseudoacacia
gene expression 4181
nucleotide sequences 4181
Solanum tuberosum 541, 11600
gene expression 6083
nucleotide sequences 6083
polymorphism 10532
Sorghum bicolor 319, 3541
genetic variance 8113
techniques 8960
Triticum 1283
chromosome substitution 4501
Triticum aestivum 2205, 3319, 4496, 4511, 9125, 9127, 12262
artificial selection 7949, 11264
gene expression 3308
genetic markers, reviews 6709
nucleotide sequences 3308
somaclonal variation 2167
Triticum dicoccoides 11262
Triticum durum
chromosome substitution 4501
gene location 4497
genetic markers 4497
Vicia faba
genetic variance 11551
mitochondrial genetics 9424
Vigna angularis 2475
Vigna unguiculata 1541
combining ability 8350
Vitis 11755
genetic distance 5128
Vitis vinifera 3983
Zea mays 286, 292, 301, 3483, 4610, 10215, 10239
combining ability 2277
databases 1368
gene dosage 3485
genetic engineering 12186
genetic variance 3481
genetics 274, 3485, 10233
heterosis 5804-5805
molecular genetics 5712, 11332
Protium glabrum, random amplified polymorphic DNA 7631
Protoasparagus, nomenclature 2557
Protochlorophyllide reductase
Arabidopsis thaliana, gene expression 76
gene expression, reviews 1175
Protoplast culture
Actinidia 783
Actinidia deliciosa 2704
Arachis hypogaea 8607
Beta vulgaris, sugarbeet 4099, 5227
Betula platyphylla 6364
Boehmeria nivea 1876
Brassica oleracea, cabbages 6119
Citrus 8523
Daucus carota 1584
Dianthus superbus 6477
Elaeis guineensis 1817
Eremocitrus glauca 7419
Gentiana crassicaulis 6536
Ginkgo biloba 4211
Gossypium hirsutum 8718
Helianthus annuus 4060, 7494-7495, 9679
Hordeum vulgare 210, 5677, 6791
Ipomoea batatas 12566
Laminaria japonica 1132
Lilium longiflorum 3095
Lithospermum erythrorhizon 9880
Manihot esculenta 6099
Mentha piperita 3125

Protoplast culture *cont.*
Nicotiana tabacum 917, 11201
Nierembergia repens 11026
Oryza sativa 4724, 4726, 8166, 10325
Pinellia ternata 6537
Raphanus sativus 561
Saccharum officinarum 5214
Setaria italica 12343
Sinapis alba 7484
Solanum brevidens 2498
Solanum bulbocastanum 2498
Solanum demissum 2498
Solanum melongena 624
Solanum phureja 2498
Spinacia oleracea 585
Triticum × *Zea* 4479
Vicia narbonensis 5991
Vitis vinifera 11753
Protoplast fusion
Arabidopsis (×) *Brassica* 1203
Atropa (×) *Nicotiana* 4118
Beta vulgaris, sugarbeet 5228
Brassica alboglabra 11797
Brassica campestris 4962, 7474
sarson 11797
turnip rape 828
Brassica carinata 1613
Brassica chinensis 5174, 6119
Brassica napus, rape 828, 7292, 7474
Brassica oleracea 4962
broccoli 4963, 5174, 7292
cabbages 4963, 6119
cauliflowers 828, 1613
Brassica (×) *Arabidopsis* 1203
Brassica (×) *Camelina* 7276-7277
Brassica (×) *Capsella* 7278
Brassica (×) *Lesquerella* 4038
Brassica (×) *Moricandia* 4037
Brassica (×) *Raphanus* 7251
Brassica (×) *Sinapis* 1613, 8561, 11634
Brassica (×) *Trachystoma* 11800
Camelina (×) *Brassica* 7276-7277
Capsella (×) *Brassica* 7278
Citrus 5148, 7412, 7414
Citrus aurantiifolia 5148
Citrus limon 11772
Citrus reticulata 5148
Citrus sinensis 5148, 11772
Citrus (×) *Microcitrus* 5147
Coprinus cinereus 2005
Daucus (×) *Hordeum* 4929
Daucus (×) *Nicotiana* 1855
Daucus (×) *Oryza* 556
edible fungi 1127
fodder legumes, reviews 3648
Fortunella (×) *Poncirus* 7413
Glycine (×) *Nicotiana* 1493
Helianthus annuus 4060, 11818
Hibiscus (×) *Lavatera* 6437
Hordeum vulgare 4550
Hordeum (×) *Daucus* 4929
Hyoscyamus (×) *Nicotiana* 912
Ipomoea 4936
Ipomoea batatas 10559
Lavatera (×) *Hibiscus* 6437
Lesquerella (×) *Brassica* 4038
Leymus (×) *Triticum* 2164
Lotus (×) *Medicago* 428
Lycium (×) *Nicotiana* 913
Lycopersicon esculentum 2574, 10595
Lycopersicon hirsutum 2574
Lycopersicon peruvianum 10595
Lycopersicon (×) *Nicotiana* 5009
Lycopersicon (×) *Solanum* 11596, 1648, 2493
Medicago (×) *Lotus* 428
Microcitrus (×) *Citrus* 5147
Moricandia (×) *Brassica* 4037
Morus bombycis 10711
Morus indica 10711
Morus multicaulis 10711
Nicotiana plumbaginifolia 914, 4118
Nicotiana rustica 2847, 12812
Nicotiana sylvestris 4118
Nicotiana tabacum 914, 2847, 12812
Nicotiana (×) *Atropa* 4118
Nicotiana (×) *Daucus* 1855
Nicotiana (×) *Glycine* 1493
Nicotiana (×) *Hyoscyamus* 912
Nicotiana (×) *Lycium* 913
Nicotiana (×) *Lycopersicon* 5009
Protoplast fusion *cont.*
Nicotiana (×) *Scopolia* 912
Nicotiana (×) *Solanum* 2493
Oryza officinalis 11408
Oryza sativa 8164, 11408
Oryza (×) *Daucus* 556
Pleurotus cornucopiae 12056
Pleurotus ostreatus 9904
Pleurotus sajor-caju 9904
Pleurotus (×) *Schizophyllum* 1126
Poncirus (×) *Fortunella* 7413
Prunus (×) *Rosa* 12956
Raphanus (×) *Brassica* 7251
Rosa (×) *Prunus* 12956
Rosa (×) *Rubus* 12956
Rubus (×) *Rosa* 12956
Schizophyllum (×) *Pleurotus* 1126
Scopolia (×) *Nicotiana* 912
Sinapis (×) *Brassica* 1613, 8561, 11634
Solanum 8373
Solanum brevidens 2499
Solanum bulbocastanum 2499, 11597
Solanum circaeifolium 11597
Solanum commersonii 10543
Solanum microdontum 12546
Solanum spegazzinii 12546
Solanum tuberosum 2499, 10543, 11597-11598, 12546
polymerase chain reaction 7220
Solanum vernei 12546
Solanum (×) *Lycopersicon* 11596, 1648, 2493
Solanum (×) *Nicotiana* 2493
Trachystoma (×) *Brassica* 11800
Triticum (×) *Leymus* 2164
Vigna angularis 2480
Volvariella bombycina 7748
Volvariella volvacea 7748
Protoplasts
Arabidopsis thaliana, nucleotide sequences 96
Asparagus officinalis 4992, 4994
Beta vulgaris, sugarbeet 5228, 8678
Elaeis guineensis 1817
Lentinus tigrinus 6555
Nicotiana tabacum 1858, 1860, 2848
Passiflora suberosa 7426
Pisum sativum 1529
genetic transformation 11563
Pleurotus ostreatus 6555
Spinacia oleracea 1639
Vigna angularis 2480
Provenance trials
Abies grandis 1016, 6407, 11970
Abies sachalinensis 1020
Acacia mangium 5293
Acacia nilotica 8790
Albizia lebbeck 5297
Castanea sativa 5165
Cupressus lusitanica 1030
Eucalyptus camaldulensis 7618
Eucalyptus grandis 4163
Fagus sylvatica 2940, 6370
forest trees 1878
Fraxinus pennsylvanica 4179
Gliricidia sepium 11512
Larix 4209
Larix decidua 2985
Leucaena leucocephala 1478
Picea abies 4200-4201, 4207-4208, 6406, 11967
Picea sitchensis 1008
Pinus chiapensis 4188, 10950
Pinus contorta 6395
Pinus elliottii 2963
Pinus kesiya 7639
Pinus muricata 5310
Pinus oocarpa 7639
Pinus patula 1896
Pinus radiata 10953
statistics 10963
Pinus sylvestris 6394, 11956
experimental design 1004
Pinus taeda 2963
Podocarpus falcatus 11979
Populus 10912
Populus balsamifera, wood properties 971
Prosopis flexuosa 7630
Quercus petraea 12862
Quercus robur 12862
Provenance trials *cont.*
Sequoia sempervirens 2989
Tectona grandis 6381
Prunus
Agrobacterium tumefaciens 9597
breeding, conferences 8942
chlorosis 7382
gene mapping 8479
genetic transformation, plum pox potyvirus 922
Meloidogyne 6185
Monilinia 5095
polymorphism, isoenzymes 11723
Pratylenchus vulnus 3946, 6185
rootstocks 3946, 7382, 11709
sorbitol 9596
sucrose 9596
apricots
breeding 673, 676-677, 685-686
flowers 721
genetic resources 675-676, 678-679, 687, 5093
genetics, plant composition 713
growth period 715-716
heterosis
fungi 729
Pseudomonas syringae 729
plant introduction 716
plum pox potyvirus 735
quality 726
variety trials 694
yield correlations 723
cherries
alkaloids 11719
breeding 5103, 7369, 7371
flooding 3951
interspecific hybridization 11711
linkage, isoenzymes 6190
Phytophthora cryptogea 3951
pollination 10639
polymorphism, isoenzymes 6190
prunus necrotic ringspot ilarvirus 748
rootstocks 747, 5103, 11705, 11711, 11719
stress 3945, 7371
variety trials 11705
varieties 3945, 7345, 7370
Fernier 7378
Sumini-Newmoon 9598
T5 747
peaches
evolution 7390
genetic resources 5093
in vitro selection, *Agrobacterium tumefaciens* 752
plum pox potyvirus 755
pollen 7390
pollination 8486
proteins 7390
rootstocks 7383-7384
varieties, Cadaman Avimag 7383
plums
breeding 740, 7369, 7371, 7373-7374
history 2676
genetic resources 5093
plant introduction 10674
plum pox potyvirus 743, 745, 6189
random amplified polymorphic DNA, variety classification 5100
rootstocks 742, 3949, 7376
stress 3945, 7371
tissue culture 3949
variety trials 741, 7375-7376, 10674
varieties 3945, 7345, 7376
Changli-84 12650
Gilbert 741
Greengage 2676
Vision 741
Xinli-1 10675
Prunus armeniaca
anthers 697
artificial selection
cold resistance 12649
flowers 12649
fruits 12649
breeding 672, 674, 683-684, 8478
chilling requirement 707
clonal variation 672
quantitative traits 718
cold resistance 680, 727-728
compatibility 701, 2675

Prunus armeniaca *cont.*
development 712
flowering 709
flowers 696, 708
fruit cracking 739
fruits 706, 711, 717
gamma radiation 720
genetic resources 680-682, 11685
genetic transformation, plum pox potyvirus 671
genetics
incompatibility 704
plant composition 722
quality 714, 725
quantitative traits 714
self incompatibility 3947
grafting 705
gynoecium 698, 700
incompatibility 3947
induced mutations
fruits 720
vigour 720
interspecific hybridization 5094
Monilinia laxa 730-731
nectar 699, 710
nectaries 698
phenolic compounds 731
plum pox potyvirus 732-734, 736-738, 10673
pollen 697
pollen germination 702
pollination 699, 708, 711, 2675
quality 690, 724, 6187
quantitative traits 719
rootstocks 703, 705
self compatibility 5098
varieties 8478
variety trials 688-693
yield correlations 672
yields 717
varieties 7345
Avikloe-Ivresse 7372
Avikour-Fantasme 6186
Lady Elena 10672
Longyuan Taoxing 5096
Silistra-252 695
Zunhua Xiangbaixing 5097
Prunus avium
artificial selection, computer programming 11691
breeding 8480, 11686-11689, 11692-11693
cold resistance 11733, 12651
embryo culture 11729
flowering 11713, 11718
flowers 11716, 11722
fruit cracking 11736
fruits 11693-11694
gene expression
ripening 2677
thaumatin 2677
genetic resources 10676
genetic variation, isoenzymes 10680
genetics
databases 11703
incompatibility 11706
self incompatibility 11714
growth period 11718
hybrid varieties 11689, 11692-11693
in vitro culture 11728
interspecific hybridization 6190, 11709, 11723
multivariate analysis, morphology 11725
nectaries 11712, 11720
nucleotide sequences
ripening 2677
thaumatin 2677
plant introduction 11690
pollination 11716
Pseudomonas syringae 11734
quality 2678
Rhagoletis cerasi 11737
rootstocks 11710, 11713
somatic embryogenesis 11727
tissue culture 8481
Valsa 11734
variety trials 10678, 11694-11697, 11700, 11734, 12651
yields 11720
varieties 5101
Cristallina 10679

Prunus avium *cont.*
varieties *cont.*
Durone Tardivo Valstaffora 11702
Elisa 11702
Longguan 5102
Těchlovan 8480
Vanda 8480
Prunus canescens, interspecific hybridization 11709
Prunus cerasifera
breeding 6188
quality 6188
Prunus cerasus
Blumeriella jaapii 2679, 11735
breeding 11687
chloroplast genetics, evolution 11731
clonal variation
anthocyanins 11721
fruits 11721
cold resistance 11733
diseases 11698
flowering 11717
flowers 11716, 11722
growth period 11717
habit 11724
height 11724
interspecific hybridization 2679
Monilia 7379, 11735
nectaries 11712
outcrossing 11707
pollen 11715
pollination 11716
restriction fragment length polymorphism, evolution 11731
rootstocks 11710
seedlings 11724
variety classification 11715
variety trials 10677, 11698-11699, 11726
varieties 11701
Kirsa 11724
Mtsenskaya 746
Nordia 11724
Prunus davidiana
Agrobacterium tumefaciens 5115
gene mapping, *Sphaerotheca pannosa* 1730
interspecific hybridization 1730, 7383
random amplified polymorphic DNA, *Sphaerotheca pannosa* 1730
rootstocks 5115
Prunus domestica
genetic transformation, plum pox potyvirus 671, 744
plum pox potyvirus 733
varieties
Prosser-84 7377
Prugna-29 7377
Sugar Top 7377
Prunus dulcis
breeding 810
fatty acids, variety classification 6233
flowering 9649
fruits 4015
gene flow 12709
pollination 4014
gene mapping 1727
genetic resources 4015
genetics, fruits 4016
heat sums 9649
hybridization 7427
induced mutations 2728
interspecific hybridization 1727, 3957, 6195, 7382, 7384
linkage 1727
pollen 12709
pollen germination 6232
pollination 6232
polymerase chain reaction, rooting capacity 10641
quality 7428
radiation 2728
random amplified polymorphic DNA 1727
restriction fragment length polymorphism 1727
ribonucleases 11782
rooting capacity 11783
self compatibility 811, 10757
self incompatibility 11782
varieties 810, 7345

Prunus fruticosa
genetic resources 11732
interspecific hybridization 11704, 11732
taxonomy 11732
Prunus incisa, interspecific hybridization 6190, 11709, 11723
Prunus insititia, rootstocks 7384
Prunus laurocerasus
sorbitol 11730
sugars 11730
Prunus mahaleb 11708
interspecific hybridization 11704
rootstocks 9599, 11710
varieties, Ferci-Pontaleb 9599
Prunus mume
gamma radiation 3948
induced mutations 3948
tissue culture 5099
Prunus necrotic ringspot ilarvirus, *Prunus,* cherries 748
Prunus nipponica, interspecific hybridization 6190, 11723
Prunus persica
Agrobacterium tumefaciens 5115
artificial selection, quality 8484, 8492-8493
Botryosphaeria dothidea 8497
breeding 2680, 6191, 7381, 8478, 8483
history 8497
canopy 3958
chilling requirement 3961, 8490
cold resistance 3960-3961, 5111
crop density 8495
cryopreservation 12652
embryo culture 12652
ethephon 7387
flowering 7387, 8489
flowers 3956, 8488
fruits 8487
gene expression
cold resistance 5112
dehydrins 6197
gene mapping 1727, 8485
Sphaerotheca pannosa 1730
genetic resources 8482
genetics 8485
chilling requirement 5110
fruits 6196, 7386
height 10687
leaves 3957
quality 6196, 10687
sterility 7386
growth period 8489
growth regulators 7387
gummosis 5113
habit 7385
heritability, chilling requirement 5110
heterosis, fruits 8491
inbreeding 3955
fruits 8491
interspecific hybridization 1727, 1730, 3957, 5094, 6195, 7382-7384
leaf fall 3960
linkage 1727
fruits 8485
isoenzymes 8485
male sterility 8488
molecular genetics 6195
mutations, leaves 3957
nucleotide sequences
cold resistance 5112
dehydrins 6197
plum pox potyvirus 753, 2685
pollen 8488
Pseudomonas syringae 5114
quality 3959, 7388-7389, 8494
random amplified polymorphic DNA 1727, 9601
genetic distance 3955
Sphaerotheca pannosa 1730
restriction fragment length polymorphism 1727, 6195
rooting capacity 1729
rootstocks 749, 5115
self pollination 8487
somaclonal variation 9601
storage 8494
Taphrina deformans 8496
tissue culture 751, 1728
transgression, seasonal growth 7386
varieties 8478, 8483

Prunus persica *cont.*
variety trials 749, 2680, 6192, 8490
viruses 753
varieties 7345, 7370, 7380-7381, 10686
AC Harflame 3954
AC Harrow Dawn 3952
AC Harrow Fair 3953
April Glo 2681
Arctic Queen 5107
Arctic Snow 5108
Chunxiu 5104
Earliglo 2682
Eureka 10684
French Lady 12656
Huiyulu 5109
Julie 12657
Kialla 1726
Liz's Late 12653
Manon 10685
Maria Dolce 8484, 10682
Merit 6193
Momee-Jade 9600
Rich May 2684
Royal Glo 2683
Silver King 10683
Tendresse 12657
UFGold 10681
Venus 12654
Yuandong Baitao 750
Zaoshuomi 5106
Zee Glo 12655
Zhenghuang-5 6194
Zhongqiou Pantao 5105
Prunus pseudocerasus, interspecific hybridization 11709
Prunus tomentosa
breeding 3950
interspecific hybridization 11709
Prunus (×) ***Rosa,*** protoplast fusion 12956
Psammotettix striatus, *Triticum aestivum* 10095
Psathyrella lionella, taxonomy 13052
Psathyrostachys juncea
polyploidy 3662, 9334
random amplified polymorphic DNA 7083
seedlings 9334
Psathyrostachys × ***Elymus,*** intergeneric hybridization 1437
Psathyrostachys × ***Leymus,*** intergeneric hybridization 7084
Pseudanthistiria, taxonomy 5967
Pseudaulacaspis pentagona
Passiflora caerulea 809
Passiflora edulis 809
Pseuderanthemum repandum
variegation 5347
varieties, Cabaret 5347
Pseudocercospora abelmoschi
Abelmoschus esculentus 8466
Vigna unguiculata 8466
Pseudocercospora cruenta
Abelmoschus esculentus 8466
Vigna unguiculata 8466
Pseudocercosporella herpotrichoides
Triticum aestivum 10081
genetic markers 7991
linkage 176
restriction fragment length polymorphism 7991
Pseudomonas
Lycopersicon esculentum 12601
Origanum vulgare 4306
Phaseolus vulgaris 484
Pseudomonas cichorii, *Ocimum basilicum* 6548
Pseudomonas savastanoi, *Glycine max,* genetics 3716
Pseudomonas solanacearum *(see Ralstonia solanacearum)*
Pseudomonas syringae
Arabidopsis thaliana
gene expression 5571, 7844
genetic transformation 85
molecular genetics 6143
mutations 7844, 11193-11194
Cucumis 8451
Cucumis sativus 648
Glycine max 7157
Lactuca sativa, gene expression 7301

Pseudomonas syringae *cont.*
Lycopersicon esculentum
gene expression 3879, 7320, 10604, 11644-11645
genetic engineering 5039-5040
genetic transformation 11645
genetics 11644
molecular genetics 5038-5040, 6143
nucleotide sequences 7320
Nicotiana tabacum 5249, 9751
genetic transformation 11893-11894
Phaseolus vulgaris
artificial selection 12495
genetics 10461
Prunus, apricots, heterosis 729
Prunus avium 11734
Prunus persica 5114
Solanum tuberosum, gene expression 6091
Pseudomonas tolaasii, *Agaricus bisporus* 11100
Pseudoperonospora cubensis
Cucumis melo 5063
genetic variance 643
heritability 643
Momordica charantia 10632
Pseudosasa nigro-nodis, taxonomy 9900
Pseudotsuga, ovules 2987
Pseudotsuga menziesii
artificial selection, vegetative propagation 10979
breeding 1026, 6411
domestication 1026
gene expression
metallothionein 10981
plant embryos 10981, 12909
somatic embryogenesis 12909
genetic markers, isoenzymes 1029
genetic variation 1026
isoenzymes 1028, 11978
phosphogluconate dehydrogenase 11978
height 10982
molecular genetics, phylogeny 1027
nucleotide sequences
metallothionein 10981
plant embryos 10981
outcrossing 10980
pollination 10980
seed orchards 10980
seed treatment 6412
sowing date 6412
water balance 2988
wood properties 10982
Pseudowintera colorata, sesquiterpenoids 5463
Psidium guajava
breeding 7425
Deudorix isocrates 2722
fruits 10748
quality 4007
variety trials 9645, 10747
Psilanthus
chloroplast genetics, evolution 11869
genetic resources 5233
restriction fragment length polymorphism, evolution 11869
Psophocarpus tetragonolobus
breeding 2483
gamma radiation 2483
gene conversion, chymotrypsin inhibitors 7212
gene expression
chymotrypsin inhibitors 10522
proteinase inhibitors 4894
genetic engineering, chymotrypsin inhibitors 10522
induced mutations
nodulation 2483
seeds 2483
tannins 2483
nucleotide sequences, chymotrypsin inhibitors 7212
tissue culture 2483, 9498
Psoralea
leaves 10393
taxonomy 10393
Pteridophyta, nucleotide sequences, evolution 99
Puccinia
triticale 6898

Puccinia *cont.*
Triticum durum, genetic transformation 12202
Puccinia arachidis
Arachis 4074
Arachis cardenasii 6284
Arachis hypogaea 6267, 6283-6284, 6287-6288, 7510, 12764
induced mutations 6285
Puccinia coronata
Avena byzantina, genetics 4578
Avena sativa 12297
genetics 4577-4578, 7882
heritability 2233
Avena sterilis, genetics 8055
Festuca pratensis 11466
Festuca × *Lolium* 11466
Lolium perenne 8211, 10349
Puccinia graminis
Aegilops tauschii, genetics 2200
Aegilops umbellulata, genetics 2200
Avena sativa
gene expression 1342
gene mapping 1343
genetic markers 1343
Festuca arundinacea 412
Hordeum vulgare
gene expression 10091
genetics 2226-2227, 5687
Triticum aestivum 3359
genetics 6765, 7882, 9159, 10090, 11297, 11299
induced mutations 8005
Puccinia helianthi, *Helianthus annuus* 11822
Puccinia hordei
Hordeum chilense 6799
Hordeum vulgare
artificial selection 5688
gene mapping 8044
genetics 1334, 8044
linkage 1334
Puccinia horiana, *Dendranthema morifolium* 589, 3068
Puccinia keuhnii, *Saccharum officinarum,* induced mutations 5215
Puccinia melanocephala, *Saccharum officinarum,* induced mutations 5215
Puccinia polysora, *Zea mays,* genetics 10263
Puccinia purpurea, *Sorghum bicolor,* techniques 6976
Puccinia recondita
Aegilops tauschii, genetics 2200
Aegilops umbellulata, genetics 2200
Aegilops × *Triticum* 5653-5654
genetics 5655
Secale cereale 226
combining ability 10132
genetics 3422-3423
Triticum, genetics 10082
Triticum aestivum 3356, 3359, 5653-5654, 5657, 10085-10086, 10094, 11288, 12277
artificial selection 11298
chromosome translocation 174, 2198, 10083, 12276
gene expression 4534
gene mapping 2198, 4536, 10083, 12276
genetic markers 2197, 5658
genetics 172, 174, 181, 2199, 3362, 4535, 5652, 5655, 6762, 7882, 8001, 8006, 10090, 10092
reviews 8002
heritability 11298
induced mutations 8005
linkage 4536
nucleotide sequences 4536
polymerase chain reaction 2197
random amplified polymorphic DNA 2197, 8003
restriction fragment length polymorphism 2198
somaclonal variation 3339
Triticum durum 2196, 10094
genetics 172
Triticum spelta, genetic markers 5658
Puccinia sorghi
Sorghum bicolor, restriction fragment length polymorphism 6975

Puccinia sorghi *cont.*
Zea mays
gene mapping 10260
genetics 307, 10260, 10263
linkage 5836
mutations 307
recombination 8102
Puccinia striiformis
Elymus × *Triticum*, chromosome addition 180
Triticum, genetics 10093
Triticum aestivum 1299, 3356, 3359, 3363, 9158, 10086, 10094, 11288, 12278
chromosome translocation 8004
genetics 11294-11296
Triticum durum 10094
Puccinia substriata
Pennisetum glaucum 4652
artificial selection 8124
genetic variance 11399
genetics 6994
heritability 11399
Pueraria, pollen 2413
Pueraria lobata, nucleotide sequences, naringenin-chalcone synthase 4810
Pulping, *Populus* 11938
Pulses (*see* Grain legumes)
Punica granatum
tissue culture 1755
variety trials 5155
varieties
87-Qing-7 10750
Huashu Dahongshiliu 12706
RCR1 12707
Pure lines (*see* Inbreeding)
Purines, *Arabidopsis thaliana*, gene expression 5547
Purshia tridentata, varieties, Lassen 399
Pyrenophora lolii
Festuca pratensis
artificial selection 5960
heritability 5960
Pyrenophora teres
Hordeum spontaneum 11320
Hordeum vulgare 5679-5680, 8040-8041
gene mapping 221
genetics 1333, 3385
linkage 221
restriction fragment length polymorphism 221
Pyrenophora tritici-repentis
Triticum aestivum 4525, 9153
gene mapping 4532
restriction fragment length polymorphism 4532
Triticum durum 4525
Pyrethrins, *Tanacetum cinerariifolium* 6542
Pyricularia (*see also Magnaporthe*)
Pyrola japonica
genetic variation, isoenzymes 6528
population genetics 6528
Pyrophosphatases
Oryza sativa
gene expression 343
nucleotide sequences 343
Pyrostegia venusta
colour 9836
flowers 9836
Pyrroline-5-carboxylase reductase, *Arabidopsis thaliana*, gene expression 69
Pyrroline-5-carboxylate synthetase
Arabidopsis thaliana, gene expression 4427
Oryza sativa
gene expression 8173
nucleotide sequences 8173
Pyrus
Alternaria kikuchiana 7367
apple stem grooving cappilovirus 3941
apple stem pitting virus 3941
breeding 5087
Erwinia amylovora 8467
genetics
cold resistance 5091
Erwinia amylovora 8468
photosynthesis 11677
quality 10643
varieties
Dacili 10664
Pyrus *cont.*
varieties *cont.*
Huangguan 10663
Pyrus boissierana
genetics, isoenzymes 12648
polymorphism, isoenzymes 12648
Pyrus bretschneideri
anther culture 2674
genetic resources 9594
Physalospora piricola 10667
tissue culture 9594
Pyrus communis
Cacopsylla pyri 11681
colour 11679
combining ability, *Erwinia amylovora* 8477
cryopreservation 11678
Erwinia amylovora 654
flowering 7365
gamma radiation 6182
gene expression
ethylene 8476
growth regulators 8476
ripening 8476
gene flow 12648
genetic resources 9594
genetic transformation 7364
genetics
fruits 3940
isoenzymes 7366, 12648
heat resistance 6184
induced mutations, habit 6182
interspecific hybridization 3940, 12647
isoenzymes 11665
linkage, isoenzymes 7366
mutations
Cacopsylla pyri 11681
polyploidy 6181
nucleotide sequences
ethylene 8476
growth regulators 8476
ripening 8476
Physalospora piricola 10667
plant composition 6183
pollination 10639, 10642
polymorphism, isoenzymes 12648
ribonucleases 3939
rootstocks 2673, 5090
self incompatibility 3939
tissue culture 6182, 9594
variety classification 11665
variety trials 6183
varieties 3937, 7345, 7347, 10665
Delwini 2672
Fox-11 2673
Fox-16 2673
Hongxiangsu 5089
Perico 6181
Potomac 3936
Pyrodwarf 5090
Red Satin 7363
Rhenus-1 5090
Tichbon 8475
Pyrus elaeagrifolia, interspecific hybridization 12647
Pyrus nivalis, interspecific hybridization 12647
Pyrus pyraster, genetic resources 2665
Pyrus pyrifolia
Erwinia amylovora 10666
gamma radiation 5092, 11680
gene expression
ribonucleases 11676
self incompatibility 11676
genetic resources 9594
genetics
fruits 3940
ribonucleases 666
self incompatibility 666
induced mutations, *Alternaria alternata* 5092, 11680
interspecific hybridization 3940
Magicicada septendecim 10666
mutagens 5092
mutations, self compatibility 666-667
nucleotide sequences
ribonucleases 667
self incompatibility 667
Physalospora piricola 10667
ribonucleases 3939
self incompatibility 3939
Pyrus pyrifolia *cont.*
tissue culture 9594
varieties
Jinguali 5088
Pingboxiang 12646
Pyrus ussuriensis
Cacopsylla pyri 11681
Physalospora piricola 10667
ribonucleases 3939
self incompatibility 3939
Pyrus × ***Sorbus***, intergeneric hybridization 3938
Pyruvate decarboxylase
Arabidopsis thaliana, gene expression 5568
Oryza sativa, molecular genetics 5879
Pisum sativum
gene expression 9438
nucleotide sequences 9438
Pythium, *Zingiber officinale* 1118
Pythium dimorphum, *Picea abies*, molecular genetics 12905
Pythium ultimum, *Gossypium hirsutum* 2900
Quality
Abelmoschus esculentus 3918, 10638
Actinidia chinensis 10710
Actinidia deliciosa 9618, 10710
Aegilops × *Triticum*
chromosome addition 10040
genetics 5655
random amplified polymorphic DNA 10040
Aegle marmelos 1756
Allium cepa 4953, 12579
Allium sativum 574, 3830, 3832
Allium tuberosum 2528
Arachis hypogaea 2769, 4078, 10814
Artocarpus heterophyllus 1757
Asparagus officinalis, artificial selection 6125
Avena 9178
Avena sativa 2235, 4576, 9178, 12209
heritability 2233
Begonia cheimantha 1085
Beta vulgaris, sugarbeet 2814
Bidens tripartita 10822
Boehmeria nivea 12843
Brassica
Chinese cabbages
genetics 1629
heterosis 1629
Brassica campestris 9674
sarson, inbreeding depression 7433
toria
combining ability 7479
genetic variance 7479
heterosis 7479
inbreeding depression 7433
turnip rape 7476
Brassica carinata, artificial selection 7480
Brassica juncea 7478, 9674
Brassica napus, rape 7476, 9674
Brassica × *Sinapis* 6243
Cajanus cajan 7195
heritability 9479
Cajanus platycarpus 9473
Callistephus chinensis, heritability 4265
Camellia sinensis 6311-6313, 7551
Capsicum 2607
Capsicum annuum 2606, 10616
combining ability 1685
cereals, reviews 2128
Cicer arietinum 6070, 12516
heritability 8333
Citrullus lanatus 9578
Citrus, genetics 8522
Coffea canephora 1846
Corchorus capsularis, combining ability 7610
Cucumis melo 2620, 3899, 9577, 10623
Cucumis sativus 5071
artificial selection 2636
Dasypyrum × *Triticum* 10043
Daucus carota 10550
artificial selection 557
heritability 557
Diospyros kaki 8535
genetic variance 6228
Eruca vesicaria, artificial selection 7524
Fagopyrum esculentum 11453

Quality *cont.*
Fagopyrum tataricum 11453
Festuca × *Lolium* 411, 11463
Fragaria ananassa 5121
mitochondrial genetics 12579
fruit crops, genetic engineering 37
Glycine max 2427, 7150, 7152, 9389, 12470
genetic markers 10423
genotype environment interaction 10424
heterosis 7146
Gossypium 8711, 8734
techniques 11906-11907
Gossypium barbadense
artificial selection 8736
combining ability 8731
genotype environment interaction 8736
heritability 8736
heterosis 8731
Gossypium hirsutum 1871, 2889, 2891, 7603, 8735, 10877
combining ability 8731, 12835
gene expression 2890
genetic variance 943, 2885
heritability 2885, 8730
heterosis 2888, 8731, 12835
grain legumes 3695
Helianthus 1807
Helianthus annuus, genotype environment interaction 10795
Hordeum vulgare 213, 2223, 3380, 8032-8033, 9167, 9169, 11315, 12209, 12291
gene mapping 9168, 10112
genetic variance 214
genotype environment interaction 4558, 9168
heritability 4558
restriction fragment length polymorphism 10112
Hordeum × *Triticum* 6687, 12210
Humulus lupulus 12054
Ipomoea batatas 1594, 3817, 6101, 10563, 12567
genotype environment interaction 10564
Lathyrus sativus, combining ability 8247
Leymus angustus 1438
Linum usitatissimum
flax 11913
linseed 11913
combining ability 8589
Litchi chinensis 8527
artificial selection 8526
heritability 4004
Lotus corniculatus, artificial selection 4802
Lycopersicon, gene mapping 6141
Lycopersicon esculentum 1661, 2580, 3874, 5016, 5021-5024, 6142, 7316-7317, 8438, 9566, 10591, 12607
artificial selection 2588
genetic variance 2581
genetics 7318
in vitro selection 11643
somaclonal variation 11643
Macadamia 9652
Macadamia integrifolia 9653
Malus pumila 662, 3932, 5085, 6174-6175, 10643, 10661
molecular genetics 3933
mutations 661
Mangifera indica, heterosis 9637
Manihot esculenta 559, 2510
Morus alba 9621
Morus nigra 9621
Nicotiana tabacum
artificial selection 2849
genetic variance 9744
heterosis 9746
Olea europaea 6261, 12758, 12760
Oryza sativa 2343, 2350, 2352-2353, 4729, 7001, 7049, 10319, 11432, 12384, 12393
artificial selection 8178
combining ability 1413, 3615
genetic variance 4730
genetics 2351, 3616

Quality *cont.*
Oryza sativa cont.
genotype environment interaction 12395
heterosis 3615, 3617, 12395
maternal effects 12395
mathematics 7045
Phaseolus vulgaris 1515, 2450, 3735, 6044, 6046, 7171, 10463, 12493
combining ability 12492
genetic markers 10458
genetic variance 12492
genotype environment interaction 6045
heritability 6045, 10458
Phoenix dactylifera 5156
Pinus elliottii
genetic variance 5317
heritability 5317
Pinus taeda, genotype environment interaction 11964
Pistacia vera 4024
Pisum sativum 3757, 3761-3762, 12506
Prunus, apricots 726
Prunus armeniaca 690, 724, 6187
genetics 714, 725
Prunus avium 2678
Prunus cerasifera 6188
Prunus dulcis 7428
Prunus persica 3959, 7388-7389, 8494
artificial selection 8484, 8492-8493
genetics 6196, 10687
Psidium guajava 4007
Pyrus 10643
Ribes nigrum 758
Ribes rubrum 758
Rosa 1943, 12964-12965
Rosa hybrida, genetic transformation 1050
Saccharum officinarum 873, 7535, 9696, 11852
artificial selection 8620, 8656
heritability 870, 4092
Sambucus nigra 10717
Secale cereale 3413-3415, 3417, 5693, 12211
heritability 3416
Sesamum indicum, combining ability 4082
Solanum melongena 1677
Solanum sessiliflorum 4011
Solanum tuberosum 1572-1574, 2487, 2500, 3797-3798, 4917, 7213, 9507, 10538, 11603, 12550
Sorghum bicolor 319, 5852, 6968, 8114, 11381
Spinacia oleracea 9540
triticale 2240, 6882, 6884, 8062
chromosome substitution 6881
combining ability 6880
genotype environment interaction 6827, 6883, 6885-6886
heritability 6880, 6886
triticale × *Secale* 3294
Triticum, chromosome substitution 4501
Triticum aestivum 145, 151-152, 2170-2171, 2173-2174, 2179, 3344, 5640, 6742-6744, 7976-7977, 9135, 10061-10062, 10064, 11266, 11269, 12211, 12238, 12251-12252, 12255, 12260, 12262, 12264-12265
artificial selection 11264
backcrossing 5641, 12263
chromosome translocation 12258
combining ability 146, 2168, 9138
gene location 11270
genetic transformation 11265
genetic variance 9138, 9140
genetics 142, 2169, 2177, 5641, 5655, 7975, 7979, 11271, 12256
genotype environment interaction 158, 6748, 7975, 11267-11268, 12254
heritability 7975, 9140
induced mutations 3339
molecular genetics 2139, 3342
multivariate analysis 2175, 9139
reciprocal effects 2168
somaclonal variation 9133
Triticum boeoticum
backcrossing 5641

Quality *cont.*
Triticum boeoticum cont.
genetics 5641
Triticum compactum 151
Triticum dicoccum 9136
multivariate analysis 2172
Triticum durum 1287-1288, 2178, 4498, 4504, 7980, 12261
chromosome substitution 4501
genetics 143, 2176
heritability 2176
multivariate analysis 2172
Triticum monococcum 9137
Triticum spelta 149, 9136
multivariate analysis 2172
tropical fruits, conferences 9908
Vaccinium corymbosum 11742
vegetables 2119
genetic engineering 37
Vitis 10703
Vitis vinifera 1742, 10704, 11754, 12676
Zea mays 287-290, 292, 1373, 2275, 3466, 3483, 3486, 5814-5815, 9244, 10235, 10238, 11356, 12326-12327, 12330
combining ability 5820
genetic variance 5820
heritability 1374
heterosis 8097
reciprocal effects 5820
restriction fragment length polymorphism 9243
sweetcorn, genetics 5813
Quantitative genetics 3250, 9054, 9995, 9999, 10003, 12166
breeding 7855
mathematics 1231
statistics 7850
Quantitative traits
Allium cepa, multivariate analysis 6109
Cucumis melo, combining ability 8453
epistasis, mathematics 12164
Eucalyptus grandis, random amplified polymorphic DNA 7621
forest trees
artificial selection 955
genetics 955
gene mapping 3190, 11148, 11198, 12086
mathematics 6610
statistics 3253, 3257, 12085, 12159
genetic markers 4433, 11148
statistics 3247, 3254-3255
genetics 5575
computer programming 10401
Glycine max 9391
gene mapping 458, 3709, 11546
genetics 10401
linkage 11546
natural selection 8253
restriction fragment length polymorphism 458, 3709, 11546
Glycine soja
gene mapping 458
restriction fragment length polymorphism 458
Gossypium hirsutum, mutations 2877
Hordeum vulgare
gene mapping 5673
genetic markers 8014
molecular genetics 11302
restriction fragment length polymorphism 5673
Larix decidua, random amplified polymorphic DNA 4210
Larix leptolepis, random amplified polymorphic DNA 4210
linkage 3190
Lycopersicon, restriction fragment length polymorphism 8431
Lycopersicon esculentum
epistasis 1653
gene mapping 1647, 1653
restriction fragment length polymorphism 1647, 1662
Lycopersicon pennellii
gene mapping 1647
restriction fragment length polymorphism 1647
Lycopersicon pimpinellifolium, restriction fragment length polymorphism 1662

Quantitative traits *cont.*
Medicago truncatula
genetic markers 1443
heritability 8230
random amplified polymorphic DNA 1443
Nicotiana rustica
dominance 8693
epistasis 8693
heritability 8693
Oryza sativa 8129
epistasis 8159
gene mapping 3585, 4681
genetic variance 8159
restriction fragment length polymorphism 3585, 4681
Phaseolus vulgaris, multivariate analysis 3736
Picea abies 986
Pinus pinaster
gene mapping 12897
random amplified polymorphic DNA 1898
Pinus sylvestris 986
Pinus taeda, restriction fragment length polymorphism 10961
population genetics 6660
Prunus armeniaca 719
clonal variation 718
genetics 714
Saccharum
genetic variance 7532
heritability 7532
Stylosanthes guianensis, somaclonal variation 2408
Tectona grandis, multivariate analysis 11953
Triticum aestivum, gene mapping 12221
Triticum turgidum, genetics 3328
Zea mays
aneuploidy 2262
artificial selection 5700
combining ability 5700
epistasis 5760
gene mapping 2252, 12311
genetic markers 2266
genetic variance 5760
genetics 5575
genotype environment interaction 4601
multivariate analysis 5761
restriction fragment length polymorphism 2252, 10252
Ziziphus sativa, multivariate analysis 2727
Quercus
flowering 11928
interspecific hybridization 11928
pollen 11928
Quercus aegilops, nomenclature 6369
Quercus alba, pollen germination 10907
Quercus canariensis, somatic embryogenesis 12866
Quercus ilex
fertilization 12865
self incompatibility 12865
Quercus ithaburensis, nomenclature 6369
Quercus macrocarpa
genetic markers
outcrossing 2933
seed dispersal 2933
Quercus petraea
DNA 2932
genetic distance 10906
genetic markers, microsatellites 12863
genetic resources 12861
genetic variation, isoenzymes 8782, 11927
genetics, isoenzymes 2934
interspecific hybridization 6368, 7623
nucleotide sequences, repetitive DNA 8781
outcrossing 6368
polymerase chain reaction 7623
provenance trials 12862
random amplified polymorphic DNA 7623, 12864
genetic distance 11927
Quercus prinus, tannins 4166
Quercus pubescens, DNA 2932
Quercus robur
DNA 2932
embryo culture 12867
genetic distance 10906
genetic markers, microsatellites 12863
genetic resources 12861
genetic transformation 12867
genetic variation, isoenzymes 11929
genetics
abscission 11929
isoenzymes 2935
interspecific hybridization 6368, 7623
mitochondrial genetics 10905
outcrossing 6368
polymerase chain reaction 7623
polymorphism, isoenzymes 2935
provenance trials 12862
random amplified polymorphic DNA 7623, 12864
restriction fragment length polymorphism 10905
tissue culture 3275, 8783, 11930
Quercus rubra
pollen germination 10907
tissue culture 5284
Quercus suber
anther culture 9783
drought resistance 9784
flowering 10908
genetic variation, isoenzymes 5283
growth period 10908
haploidy 9783
molecular genetics 966
Quercus velutina
pollen germination 10907
tannins 4166
Radiation (*see also* Beta radiation; Electrons; Gamma radiation; Lasers; Neutron radiation; Ultraviolet radiation)
Hibiscus (×) *Lavatera* 6437
Lavatera thuringiaca 6437
Oryza sativa 5894
Prunus dulcis 2728
Radioactive nuclides (*see* Radionuclides)
Radionuclides
Hordeum vulgare 202
Triticum aestivum 6714
Radopholus similis, *Musa* 2711, 5141-5142, 10721, 10729-10730, 10733, 10736-10737, 11768
Ralstonia solanacearum
Arachis hypogaea 6280
Lycopersicon esculentum 613, 1664, 2585-2586, 7319, 12611
gene mapping 5033
genetics 5034
Lycopersicon pimpinellifolium
gene mapping 5033
genetics 5034
Solanum 2594
Solanum melongena 2594-2595
Solanum tuberosum 2503
Ramulispora sorghicola, *Sorghum bicolor* 11386
Random amplified polymorphic DNA 1184
Abutilon theophrasti 5270
Acacia, taxonomy 9794
Acanthus ilicifolius 11946
Aegilops × *Triticum*
compatibility 7927
fungi 10040
quality 10040
Agrostis stolonifera, variety classification 5965
Alchornea latifolia 7631
Allium 566
Allium ampeloprasum, cytoplasmic inheritance 7264
Allium cepa 8410
cytoplasmic inheritance 7264
evolution 7267
sexual reproduction 7267
Allium sativum, variety classification 1601
Allium victorialis 11625
Aloe claviflora 7715
Aloe ferox 7715
Alstroemeria, variety classification 9851
Amentotaxus formosana 1035
Anacardium occidentale 9651
Anoectochilus formosanus 11060
Random amplified polymorphic DNA *cont.*
Anoectochilus koshunensis 11060
Arachis cardenasii, Meloidogyne arenaria 2772
Arachis hypogaea, Meloidogyne arenaria 2772
Asparagus officinalis 4986, 7306
sex 10589
Banksia coccinia, taxonomy 12925
Begonia 6495
Benincasa hispida
variety classification 9585
waxes 9585
Beta
phylogeny 2813
taxonomy 892
variety classification 2813
Beta vulgaris
beet necrotic yellow vein furovirus 5231
sugarbeet
beet necrotic yellow vein furovirus 5230, 9707
cytoplasmic male sterility 5223
Heterodera schachtii 8680
phylogeny 2813
variety classification 2813
Brachiaria, apomixis 7091
Brassica alboglabra 8563
colour 11806
seeds 11806
Brassica campestris 8563
colour 11806
phylogeny 4932
seeds 11806
turnip rape, interspecific hybridization 4035
turnips, phylogeny 4932
Brassica japonica 10573
Brassica napus 8563
rape 4028, 4033, 8558
chromosome addition 8562
cytoplasmic male sterility 12725
interspecific hybridization 4035
self incompatibility 8564
Brassica nigra, self incompatibility 8564
Brassica oleracea 8558
phylogeny 580
self incompatibility 8564
broccoli, self incompatibility 7285
cabbages 4961
self incompatibility 7285
Brassica pekinensis 10573
Calamus 13048
Camellia, phylogeny 9711
Camellia sinensis 2822, 12798
variety classification 6308
Cannabis sativa 2910, 5269
Capsicum 10614
Capsicum annuum 2598
cucumber mosaic cucumovirus 7332
Carica 12699
Cenchrus ciliaris, apomixis 11485
cereals, reviews 9089
Chamaecyparis obtusa, interspecific hybridization 1033
Chamaecyparis pisifera, interspecific hybridization 1033
Citrus 5146
Citrus limon, variety classification 12688
Citrus × *Poncirus,* citrus tristeza closterovirus 7420
Cocos nucifera 11823
crops 10019
Cucumis melo 8450
Fusarium oxysporum 2624
Cucumis sativus 8450, 12635
hybrid seed production 5069
Cynara scolymus, genetic distance 3854
Daemonorops 13048
Daucus carota 11610
Dendropanax arboreus 7631
Digitaria 2383
Dioscorea, variety classification 4939
Elymus, taxonomy 12203
Elymus repens, height 12425
Elymus × *Triticum,* genomes 4481
Epimedium 5452
Epimedium koreanum 11996
Erianthus × *Saccharum* 8641
Eucalyptus amygdalina 4164

Random amplified polymorphic DNA *cont.*
Eucalyptus grandis 5281, 10898
quantitative traits 7621
Eucalyptus graniticola 12858
Eucalyptus risdonii 4164
Eucalyptus urophylla 5281, 10898
Euphorbia pulcherrima, variety classification 12923
Fagopyrum esculentum, evolution 3638
Festuca, phylogeny 11464
Fragaria ananassa, Phytophthora fragariae 11747
Fragaria chiloensis 12665
Fragaria vesca 9608
Fragaria virginiana 12665
Fraxinus excelsior, interspecific hybridization 10928
Fraxinus oxyphylla, interspecific hybridization 10928
fruit crops 12642
Glycine max 4816, 4819, 7134, 8257, 9409
Fusarium solani 11541
Heterodera glycines 11541
hybridization 7123
seed testing 4450
variety classification 4817
Glycine soja 8259
Gossypium 11903
Gossypium arboreum 5256
Gossypium hirsutum 5256
Gracilaria 5479
Gracilaria chilensis 5479
Hamamelis, variety classification 12919
Helianthus annuus, Diaporthe helianthi 5187
Helianthus argophyllus, Diaporthe helianthi 5187
Helichrysum diosmifolium, variety classification 3054
Heliconia 6463
Hevea brasiliensis 8759
Hordeum
phylogeny 215
taxonomy 12203
Hordeum spontaneum 6783
barley yellow mosaic bymovirus 6800
Hordeum vulgare 2211, 8017
barley mild mosaic bymovirus 223
barley yellow mosaic bymovirus 223, 6800
Rhynchosporium secalis 8042
Humulus lupulus
sex 11086
variety classification 3130, 12053
hybridization 93
Inga thibaudiana 7631
Ipomoea batatas 8401, 9521
Kalanchoe
photosynthesis 12032
phylogeny 12032
Lactuca sativa
lettuce mosaic potyvirus 10586
turnip mosaic potyvirus 10586
Larix decidua
quantitative traits 4210
yield components 12908
Larix gmelinii, taxonomy 1025
Larix kamtschatica, taxonomy 1025
Larix leptolepis
quantitative traits 4210
taxonomy 1025
yield components 12908
Larix olgensis, taxonomy 1025
Lens 12510
phylogeny 1532
taxonomy 1533
Lentinula edodes 5476
Lilium
Fusarium oxysporum 3098
variety classification 3094
Lolium, phylogeny 11464
Lolium perenne, variety classification 9327
Lycopersicon, insects 9546
Lycopersicon esculentum 7309
somaclonal variation 2579
Lycopersicon pennellii, insects 9546
Malus pumila
genetic distance 3926
variety classification 12644

Random amplified polymorphic DNA *cont.*
Malus pumila cont.
Venturia inaequalis 9593
Manihot esculenta 2509, 12561
Medicago sativa 3674, 11494
variety classification 7095
Medicago tornata 8229
Medicago truncatula 8229
quantitative traits 1443
Metroxylon sagu 12051
Monanthes, taxonomy 7708
Musa, height 7404
Nicotiana rustica 2847
Nicotiana tabacum 2847, 6322
ornamental plants, seed testing 7654
Oryza
genomes 2355
phylogeny 2355, 3619
taxonomy 7051
Oryza glaberrima 12364
Oryza sativa 345, 2316, 4667, 4685, 6322, 7040, 7050, 8137, 12364
aroma 342, 3614
cytoplasmic male sterility 3589, 4694
hybrid varieties 3588
male sterility 8150
salinity 1414
variety classification 5881
waterlogging 1415
Paeonia, variety classification 7680
Panax notoginseng 7725
Panax quinquefolius 7712
Pelargonium 9809
Phaseolus lunatus
taxonomy 11557
variety classification 11557
Phaseolus vulgaris 9431
bean common mosaic potyvirus 6051
bean golden mosaic bigeminivirus 2451, 3741
Colletotrichum lindemuthianum 11560
drought resistance 6049
hybridization 7123
Thanatephorus cucumeris 3739
Uromyces appendiculatus 3739
variety classification 2448
Xanthomonas axonopodis 3739
Xanthomonas campestris 2451, 10462
Phyllostachys pubescens 13049
Picea abies 5322
variety classification 7647
Picea glauca, variegation 4204
Pinus, phylogeny 11963
Pinus elliottii, Cronartium fusiforme 10966
Pinus palustris 10954
Pinus pinaster
carene 5312
quantitative traits 1898
recombination 990
Pinus radiata, development 12891
Pinus strobus 11957
Pisum sativum 3749
Poncirus trifoliata, citrus tristeza closterovirus 7420
Populus
Melampsora larici-populina 7627
taxonomy 6375
Protium glabrum 7631
Prunus, plums, variety classification 5100
Prunus davidiana, Sphaerotheca pannosa 1730
Prunus dulcis 1727
Prunus persica 1727, 9601
genetic distance 3955
Sphaerotheca pannosa 1730
Psathyrostachys juncea 7083
Quercus petraea 7623, 12864
genetic distance 11927
Quercus robur 7623, 12864
Ribes nigrum 3965
Rosa 4244, 12952
Diplocarpon rosae 12969
taxonomy 12966
variety classification 4242-4243, 12961, 12969
Rosa multiflora 12954
Saccharum 2780
taxonomy 8648

Random amplified polymorphic DNA *cont.*
Saccharum officinarum 8625, 8641, 9694
diseases 8666
Secale cereale 3400
somaclonal variation 3412
Simmondsia chinensis 5203
Sinapis alba 1795
Solanum chacoense, evolution 10540
Solanum fendleri 12538
Solanum jamesii 12538
Solanum microdontum, evolution 10540
Solanum tuberosum 8367-8368
variety classification 541
Sorghum, taxonomy 6962
Sorghum bicolor 9262
variety classification 4628
Stylosanthes, taxonomy 10389
Swietenia 2959
Theobroma cacao 896, 2831, 12805
Trifolium pratense, Sclerotinia trifoliorum 8237
Triticum aestivum
Erysiphe graminis 10088
genomes 9109
Mayetiola destructor 6768, 9161
Puccinia recondita 2197, 8003
Triticum boeoticum 9111
Triticum timopheevii, compatibility 7927
Triticum urartu 6704, 9111
Tuber, taxonomy 11099
Tuber magnatum, taxonomy 9901
Tylosema esculentum 7209
Vaccinium corymbosum 9603
Vaccinium darrowii 9603
variety classification 1171
Vicia benghalensis 7107
Vicia dumetorum 11508
Vicia faba 3719
Vicia pisiformis 11508
Vitis 3979
Vitis vinifera
seedlessness 3982
variety classification 2700, 10698
Zea mays 11336
accessory chromosomes 6921
apomixis 4600
cytoplasmic male sterility 5749
heterosis 10158
maize dwarf mosaic potyvirus 2285
roots 2268
seed testing 4450
sweetcorn, sugars 5816
Ranunculus asiaticus, somaclonal variation 4279
Ranunculus lyallii, embryo culture 4267
Raphanus raphanistrum
flowers 4942
genetics, isoenzymes 7253
isoenzymes 4942
linkage, isoenzymes 7253
maternal effects, *Pieris rapae* 9527
Raphanus sativus
carbon dioxide 12575
development 3825, 6103
Fusarium oxysporum 3825
gene expression, acetyl-CoA acetyltransferase 3823
genetic engineering, acetyl-CoA acetyltransferase 3823
genetic resources 3822, 11619
genetic variance, yield components 4943
genetics
cytoplasmic male sterility 12574
male sterility 2512
roots 4943
heritability, yield components 4943
Heterodera schachtii 2751
intergeneric hybridization 7250
isothiocyanates 562
male sterility 1597
Meloidogyne hapla 11620
Meloidogyne incognita 11620
mitochondrial genetics 3824
nutrients 563
plant composition 6103
pollen 1597
pollen competition 4941
pollen culture 7254
protoplast culture 561
recombination 3824
root shoot ratio 12575

***Raphanus sativus** cont.*
somatic embryogenesis 7254
sowing date 563
storage, pollen 1605
variety trials 9525
yield components 563
varieties 5592
Raphanus* × *Brassica, intergeneric hybridization 1769, 3836, 7252, 7275, 7443, 9526, 11621, 11795
Raphanus* (×) *Brassica, protoplast fusion 7251
Raphanus* × *Eruca, intergeneric hybridization 7447
Raphanus* × *Moricandia, intergeneric hybridization 4940
Ratooning
Cajanus cajan 3772
Oryza sativa
genetic variance 8152
heritability 8152
Saccharum officinarum 11851, 12781
Sorghum bicolor 3543
triticale 10133
Rauvolfia serpentina
heritability, ajmaline 5459
somaclonal variation, ajmaline 5459
tissue culture 1992, 5459
Receptor kinases
Zea mays
mutations 239
nucleotide sequences 239
Recessiveness (*see* Dominance)
Reciprocal effects
Brassica 7275
Brassica × *Diplotaxis* 7275
Brassica × *Raphanus* 7275
Glycine max 1491
Triticum aestivum
quality 2168
yield components 2168
Zea mays
accessory chromosomes 264
Aspergillus flavus 10259
quality 5820
Reclamation, *Digitaria eriantha* 10363
Recombination 9998, 11199
(*see also* Mitotic recombination)
Arabidopsis thaliana, genetic engineering 3214
Coprinus cinereus 9903
evolution 9549
nucleotide sequences 9549
Elymus × *Triticum* 2147
genetic markers
computer programming 5577
statistics 5577
Glycine max, restriction fragment length polymorphism 3705
Gossypium barbadense
incompatibility 8720
seeds 8720
Gossypium hirsutum
incompatibility 2875, 8720
seeds 2875, 8720
Lycopersicon esculentum 3859, 5007
evolution 9549
nucleotide sequences 9549
yield components 6135
Lycopersicon peruvianum 5007
mathematics 10001
Musa
bracts 10728
flowers 10728
Nicotiana benthamiana, cowpea chlorotic mottle bromovirus 12824
Nicotiana tabacum
genetic transformation 7560
transposable elements 6323
pathogens 8102
Petunia 1965
Pinus pinaster
gene mapping 990
random amplified polymorphic DNA 990
Raphanus sativus 3824
reviews 1226
Secale cereale 4580
sex 1344
Triticum aestivum 2147
chromosome pairing 6715
Triticum monococcum, chromosome pairing 6715
Vicia faba, yield components 4848
Vigna unguiculata, cowpea chlorotic mottle bromovirus 12824
Zea mays 240
colour 9229
genetic markers 1359
Puccinia sorghi 8102
restriction fragment length polymorphism 1356
transposable elements 5726
Reducing sugars
Daucus carota 558
Saccharum officinarum 872
Reductases
Forsythia intermedia
gene expression 6434
nucleotide sequences 6434
Regenerative ability
Allium cepa 573
Brassica napus, rape 10772
Cicer arietinum 505
crops 12179
Cucumis melo 2622
genetics 5062
Daucus carota 9516
Eustoma grandiflorum 4266
Fagopyrum esculentum 11452
Fagus sylvatica 11933
Helianthus annuus 2757
genetics 11817
nucleocytoplasmic interaction 11817
Hordeum vulgare 8031
Lilium 5432
Lilium auratum 13011
Lolium perenne 3656
Malus pumila 3930
Mentha piperita 6545
Morus indica 11762
Morus sinensis 11762
Musa 9628
Oryza sativa 5911, 9304
dominance 7042
gene expression 2344
genetic variance 2348
genetics 4723, 5913
heritability 7042
Petunia hybrida, gene expression 3073
Phleum pratense, somaclonal variation 12432
Pisum sativum 12504
Solanum chacoense
genetics 6087
heritability 6087
Solanum tuberosum 4904
Sorghum bicolor 316, 5851
Sorghum sudanense 316
Triticum aestivum
gene mapping 11260
restriction fragment length polymorphism 11260
Vitis 8511-8512
Vitis vinifera 8511-8512
Rehmannia glutinosa, varieties, Jiwhang-1 6526
Renanthera
breeding 7701
intergeneric hybridization 7701
Repetitive DNA
Alstroemeria aurea 12010
Arabidopsis thaliana, molecular genetics 5536
Brassica nigra, phylogeny 4029
Citrus, variety classification 12690
Citrus × *Poncirus,* variety classification 12690
Cucumis metuliferus, nucleotide sequences 8449
Elymus
phylogeny 4774
taxonomy 12203
Eruca × *Brassica* 11793
Gliricidia sepium 7632
grasses, evolution 4776
Hordeum, taxonomy 12203
Hordeum bogdanii, polymerase chain reaction 4461
Hordeum parodii, polymerase chain reaction 4461
Hordeum vulgare 4547
Repetitive DNA *cont.*
Hordeum vulgare cont.
polymerase chain reaction 4461
Musa
molecular genetics 6215
polymerase chain reaction 6215
Oryza
evolution 7018
variety classification 12365
Oryza sativa 3586, 9087
variety classification 12365
Persea americana, phylogeny 5154
Pisum sativum 10020
Poncirus, variety classification 12690
Quercus petraea, nucleotide sequences 8781
Secale, molecular genetics 10130
Secale cereale 10020
polymerase chain reaction 4461
Solanum demissum, nucleotide sequences 12545
Solanum tuberosum, variety classification 7219
Sorghum bicolor 9087
gene mapping 12338
nucleotide sequences 10270
polymorphism 12338
Triticum 7924
Triticum aestivum, polymerase chain reaction 4461
Vicia faba 10020
Vitis vinifera
stilbene synthase 12670
variety classification 526, 12670
Zea mays 241, 9087
gene mapping 5716
molecular genetics 5722
Reports
Barbados, West Indies Central Sugar Cane Breeding Station 12057
Denmark, National Committee for Plant Production 8936
Fragaria ananassa, breeding 2693
Germany, Bundesanstalt für Züchtungsforschung an Kulturpflanzen 8939-8940
International Center for Agricultural Research in the Dry Areas 1134
International Crops Research Institute for the Semi-Arid Tropics 4325
International Institute of Tropical Agriculture 1136
International Network for the Improvement of Banana and Plantain 2009
International Plant Genetic Resources Institute 2010
International Potato Center 11101
Pinus taeda, breeding 8938
Slovakia, Research Institute of Plant Production Piešťany 6558
UK
John Innes Centre and Sainsbury Laboratory 1135, 11103
National Institute of Agricultural Botany 3137
USA
Cooperative Forest Genetics Research Program 8937
Cooperative Forest Tree Improvement Program 11102
North Carolina State University-Industry Cooperative Tree Improvement Program 8938
Reproduction 3261, 7862
Agaricus bisporus, genetics 8931
Banksia 3008
Eucalyptus rhodantha 2930
Rosa 7667, 11990
Vaccinium macrocarpon 750
Resins, *Parthenium argentatum* 11917
Resorcinols
Oryza 5933
Oryza sativa 5933
Respiration (*see also* Photorespiration)
Helianthus annuus 5185
Hordeum chilense 109
Hordeum × *Triticum* 109
Nicotiana tabacum, genetic transformation 9728
Nothofagus menziesii 1891
Nothofagus solandri 1891

Respiration *cont.*
Sorghum bicolor 12340
Triticum durum 109
Restriction fragment length polymorphism 35
Acanthus ilicifolius 11946
Aegilops, evolution 4545
Aegilops × *Triticum*, glutenins 4475
Agaricus, phylogeny 6556
Agaricus bisporus, phylogeny 6556
Allium cepa 8410
Arabidopsis thaliana 52
glucosinolates 12141
male sterility 12132
mitochondria 5537
roots 4394
turnip crinkle carmovirus 5573
Arachis, evolution 2770
Arachis cardenasii, *Meloidogyne arenaria* 2772
Arachis hypogaea, *Meloidogyne arenaria* 2772
Asparagus officinalis 587, 4986, 7306
Atractylodes, taxonomy 2002
Beta maritima 8674
Beta vulgaris, sugarbeet 887
Brachiaria, apomixis 7091
Brassica
evolution 1774
genetic distance 10577
genomes 4039
Brassica atlantica, glucosinolates 1786
Brassica campestris, genomes 4034
Brassica drepanensis, glucosinolates 1786
Brassica juncea 10764
Brassica napus
rape 4028, 7438, 8558, 12721
cytoplasmic male sterility 12725
desaturases 8557
flowers 10769
glucosinolates 1788
leaves 10769
variety classification 5173
Brassica nigra 7441
genomes 4034
Brassica oleracea 1608, 8558
genetic distance 10577
genomes 4034
self incompatibility 12586
broccoli
Plasmodiophora brassicae 4969
self incompatibility 7285
cabbages
Plasmodiophora brassicae 4969
self incompatibility 7285
Brassica (×) *Raphanus* 7251
Cajanus cajan, cytoplasmic male sterility 7193, 9470
Cajanus sericeus, cytoplasmic male sterility 7193, 9470
Capsicum annuum, cucumber mosaic cucumovirus 7332
cereals 4460
Citrus 794
variety classification 12690
Citrus × *Poncirus*, variety classification 12690
Coffea, evolution 11869
Cucumis sativus 9583
Elaeis guineensis 7500
Elymus
phylogeny 4774
taxonomy 12203
Epimedium 5452
Erianthus, evolution 7536
Eucalyptus nitens 962
height 8778
leaves 8778
Fagopyrum, taxonomy 5949
Festuca, phylogeny 11464
forest trees, phylogeny 11919
Fragaria, phylogeny 9610
Glycine max 7134, 8257-8258, 10397, 11526, 12468
chlorimuron 11546
cytoplasm 10400
drought resistance 2432
herbicides 11546
Heterodera glycines 6024-6025, 10439

Restriction fragment length polymorphism *cont.*
Glycine max cont.
Meloidogyne javanica 11545
oils 1499, 8281
Phytophthora sojae 9415-9416
proteins 1499, 8281
quantitative traits 458, 3709, 11546
recombination 3705
seeds 1499, 3709, 8281
Glycine soja 8258-8259
quantitative traits 458
Helianthus annuus
oils 6254
Plasmopara halstedii 856
ribosomal DNA 1800
seeds 6254
Helianthus argophyllus, ribosomal DNA 1800
Hevea brasiliensis 948
Hordeum, taxonomy 12203
Hordeum spontaneum 209, 6781
Hordeum vulgare 106, 209, 1313, 1315, 2211, 5665, 6683, 6781, 8018, 11304
Erysiphe graminis 3386, 4565
Heterodera avenae 11321
phytochrome 5674
Pyrenophora teres 221
quality 10112
quantitative traits 5673
Hypericum perforatum 12034
Lens
evolution 7183
taxonomy 1533
Lentinula edodes 5476
Lilium, phylogeny 12019
Lolium, phylogeny 11464
Lolium perenne, unreduced gametes 5953
Lycopersicon
quantitative traits 8431
salinity 12610
Lycopersicon esculentum
Leveillula taurica 12612
phytochrome 2577, 5015
quantitative traits 1647, 1662
salinity 1662
Lycopersicon pennellii, quantitative traits 1647
Lycopersicon pimpinellifolium
quantitative traits 1662
salinity 1662
Malus pumila
Dysaphis devecta 7362
genetic distance 3926
Manihot esculenta 12561
Meconopsis, phylogeny 6538
Medicago, ribosomal DNA 1442
Medicago sativa 3674
unreduced gametes 2397
Nicotiana plumbaginifolia 7574
Nicotiana sylvestris 7574
Orchis laxiflora, ribosomal DNA 11041
Orchis morio, ribosomal DNA 11041
Oryza rufipogon 1403
variety classification 4666
Oryza sativa 1396-1397, 1403, 2315, 2318, 2320, 3586, 4667, 4671-4672, 4675, 4688, 7012, 8132, 8136-8137, 9283, 12363, 12369-12371
aroma 342, 3614
cold resistance 5923
cytoplasmic male sterility 4694, 9291
glucan branching enzyme 8141
glumes 4677
glutelins 4713
habit 10316
height 3608
internodes 3608
Magnaporthe grisea 1421, 12367
naringenin-chalcone synthase 3584
photoperiodism 4702
plant embryos 4714
proteins 4707
quantitative traits 3585, 4681
roots 8157, 12380
variety classification 4666, 10300
waterlogging 1415
wide hybridization 9288, 12372
Xanthomonas oryzae 3631, 5931, 9310, 12404-12405

Restriction fragment length polymorphism *cont.*
Oryza sativa cont.
yield components 4669, 5893
Papaver, phylogeny 6538
Pelargonium, naringenin-chalcone synthase 10997
Pennisetum glaucum
ribosomal DNA 8121
sex 1391
Pennisetum mollissimum, sex 1391
Pennisetum violaceum
ribosomal DNA 8121
sex 1391
Pharbitis limbata 9829
Pharbitis nil 9829
Phaseolus vulgaris 8301
phaseolin 481
Phoenix dactylifera, variety classification 11778
Picea abies 1009
somatic embryogenesis 12904
Pinus taeda, quantitative traits 10961
Pisum sativum 3749
Plantago lanceolata, cytoplasmic male sterility 5473, 7718
Poa annua 2374
Poncirus, variety classification 12690
Poncirus trifoliata 12689
Prunus cerasus, evolution 11731
Prunus dulcis 1727
Prunus persica 1727, 6195
Psilanthus, evolution 11869
Quercus robur 10905
Roemeria, phylogeny 6538
Rosa, phylogeny 9823
Saccharum 8639
evolution 7536
Secale cereale 3400, 6683
allergens 4473
DNA methyltransferase 4473
endosperm 12300
ligules 12300
waxes 12300
Simmondsia chinensis 5203
Solanum 8371
Solanum chacoense 533
evolution 10540
Solanum fendleri 12537
Solanum jamesii 12537
Solanum microdontum, evolution 10540
Solanum muricatum, evolution 6229
Solanum tabanoense, evolution 6229
Solanum tuberosum 8367
potato X potexvirus 12554
potato Y potyvirus 4922
Sorghum bicolor 2294, 5844, 6961
cytoplasmic male sterility 6963-6964
drought resistance 6975
Puccinia sorghi 6975
Stenodiplosis sorghicola 6975, 6978
statistics 8976
Stylomecon, phylogeny 6538
Theobroma cacao 10845, 12805
Tripsacum dactyloides 10240
female fertility 9210
Tripsacum × *Zea* 10164
female fertility 9210
Triticum aestivum 106, 6683, 6705, 6707
allergens 4473
aluminium 1294
anther culture 3309
chlorotoluron 4541
DNA methyltransferase 4473
Erysiphe graminis 3386
height 11254
herbicides 4541
Heterodera avenae 184
heterosis 4477
Pseudocercosporella herpotrichoides 7991
Puccinia recondita 2198
Pyrenophora tritici-repentis 4532
regenerative ability 11260
telomeres 9106
vernalization 11254
water balance 4487
Triticum dicoccoides
chlorotoluron 4541
herbicides 4541

Restriction fragment length polymorphism *cont.*
Triticum durum
salinity 3348
variety classification 3327
Triticum urartu 6704
Tuber borchii
ribosomal RNA 5478
taxonomy 5478, 6557
Tuber magnatum
ribosomal RNA 5478
taxonomy 5478
Tuber melanosporum, taxonomy 6557
Vigna angularis 1550
Vigna unguiculata, Aphis craccivora 517
Vitis vinifera, variety classification 773, 2700
Zea 10240
Zea mays 242, 256, 1357, 5706, 5721, 9202, 10240, 12309
abscisic acid 9233-9234
alcohol dehydrogenase 11342
aluminium 4614
anthocyanins 1352
apomixis 4600
casein kinase 5719
chromosome pairing 10186
Cochliobolus carbonum 5835
cytoplasmic male sterility 5754, 10196
development 5765
drought resistance 1377
flowering 12319
forage 11349
growth regulators 9233-9234
height 10208
Helicoverpa zea 9258
inbreeding 8077
maize mosaic nucleorhabdovirus 12336
male sterility 5751, 9212
maysin 6950, 9258
quality 9243
quantitative traits 2252, 10252
recombination 1356
toxic substances 4614
variety classification 12308
Retinoblastoma, *Zea mays,* molecular genetics 9190
Reviews
amylopectin, molecular genetics 2056
angiosperms, fertilization 1241
anther culture, haploidy 5586
apomixis, evolution 7864
Arabidopsis thaliana
genetics
development 11183
plant hairs 11183
molecular genetics, ethylene 11175
biosafety 7798
biotechnology 11145
Brassica
anther culture 4041
haploidy 4040-4041
pollen culture 4041
Brassica napus
rape
gene flow 7439
outcrossing 7439
Brassica oleracea, genetic transformation 1607
breeding 6
cereals
genetic transformation 9088
hybridization 9090
quality 2128
random amplified polymorphic DNA 9089
chromosome pairing 1232
crops
artificial selection, salinity 12090
genetic transformation, bacteria 3163
cryopreservation 11208
evolution 4446
flowers 11206
fodder legumes
aluminium 3650
biotechnology 3647
embryo culture 3648
protoplast fusion 3648
salinity 3650
Reviews *cont.*
fodder legumes *cont.*
soil pH 3650
soil toxicity 3650
forest trees
anther culture 4159
gene expression, dormancy 12852
haploidy 4159
fruit crops, breeding 4341-4342
gene expression 1172, 2061, 3175-3181, 3183, 3186-3187, 5523, 6622, 11156, 12110
abscisic acid 9082
anthocyanins 1174
chloroplasts 3185
development 1185, 7856, 12197
flowers 1185
fungi 2048
gibberellins 11219
β-glucuronidase 28
growth regulators 9082, 9922
jasmonic acid 11158
light 9922
plants 1173
mitochondria 3184
pathogens 8966
phytoalexins 2048
polyamines 9942, 11204
protochlorophyllide reductase 1175
RNA polymerase 11159
stress 9933
water balance 9933
gene mapping 7801
genetic engineering 3170, 7798, 11149
biosafety 9950
diseases 8964
pests 8964
genetic markers 2067, 7801, 11146
evolution 1801
genetic transformation 3172, 3187, 7797, 9951, 11157
genetic variation 6659
genetics
bacteria 11138
cell division 5584
development 11221, 12194
diseases 2041
viruses 6606
Glycine max, Heterodera glycines 9420
Gossypium, drought resistance 2899
haploidy 11203, 11209
Helianthus annuus, biotechnology 5184
horticultural crops
biotechnology 5505
breeding 5505
in situ hybridization 1187
in vitro culture 11208
induced mutations 94
lectins 2
Lycopersicon esculentum
diseases 612
pests 612
male sterility 10011
maternal effects 4436
Medicago sativa
biotechnology 7096
tissue culture 3676
medicinal plants, genetic transformation 9870
meiosis 1232
mitochondrial genetics, proteins 7803
molecular genetics 12111
abscisic acid 9082
bacteria 11138
diseases 11137
DNA helicase 7802
evolution 12113
growth regulators 9082, 9922
light 9922
phylogeny 4447
mutations, development 12195
natural selection 4446
nut crops, breeding 4343
ornamental plants
development 2118
genetic transformation 2991
molecular genetics 2992
tissue culture 2996
ovule culture 11209
paternal effects 4436
pollen 10011
Reviews *cont.*
pollen culture, haploidy 5586
pollen germination 11205
pollination 11206
polyembryony, evolution 7864
promoters 11156
recombination 1226
Secale cereale
genetics
Fusarium culmorum 11231
Gibberella zeae 11231
Solanum tuberosum, genetic engineering 8369
somaclonal variation 5587, 6622
starch, molecular genetics 2056
stress 10011
synaptonemal complex 4437
tissue culture 11209
Tradescantia, induced mutations 12028
triticale, cytology 6846
Triticum aestivum
chromosome translocation 1297
embryo culture 5639
gene location 6710
genetic markers
enzymes 6709
proteins 6709
genetics
Fusarium culmorum 11231
Gibberella zeae 11231
Puccinia recondita 8002
unreduced gametes 7859
vegetables, genetic engineering 5593
Zea mays
Chilo partellus 8103
genetic transformation 9191
Rhagoletis cerasi, Prunus avium 11737
Rhaphiolepis indica, Entomosporium mespili 11008
Rhizobium *(see also Bradyrhizobium;* Nitrogen fixation)
Medicago sativa
genetics 12440
molecular genetics 11497
mutations 12440
Medicago truncatula
gene expression 9347
induced mutations 5980
Phaseolus vulgaris 4858
Pisum sativum 4872
genetics 497, 11568
induced mutations 497
mutations 11568
Vigna aconitifolia 11587
Rhizobium galegae, Galega orientalis 7121
Rhizobium leguminosarum
Lolium perenne 7074
Trifolium repens 7074
Rhizoctonia *(see also Corticium; Macrophomina; Thanatephorus)*
Rhizoctonia fragariae, Fragaria ananassa, in vitro selection 7394
Rhizoctonia solani
Beta vulgaris, sugarbeet 2818
Glycine max 10432
Phaseolus vulgaris, heritability 11559
Solanum tuberosum 3801
Rhizomes
Amphibromus scabrivalvis 11492
Nelumbo nucifera 4945
Sorghum, genetics 8111
Rhododendron
chromosome pairing 12921
cold resistance 5362
evolution 7663
genetic resources 3007
genetic transformation 6431, 7658
interspecific hybridization 12921
polyploidy 5350
rootstocks 1923
soil pH 1923
sterility 12921
taxonomy 7663
books 4336
tissue culture 6436
varieties 3010, 5336, 12911
Paradise Christine 3011
Paradise Louise 3012
Rhododendron catawbiense
breeding 5331
colour 5356

Rhododendron catawbiense *cont.*
genetic resources 5331
taxonomy 5356
Rhododendron heizhugouense, taxonomy 9821
Rhododendron rushforthii, taxonomy 5355
Rhododendron simsii
tissue culture 1919
varieties
Heide Hanisch 1040
Melodie 1041
Paradiso 1042
Venus 1043
Rhododendron yakushimanum, genetic transformation 6430
Rhopalosiphum, Hordeum vulgare, gene mapping 8047
Rhopalosiphum maidis, Hordeum spontaneum, genetics 10122
Rhopalosiphum padi
Triticum aestivum 1301, 4537-4538, 8007, 12279
Triticum durum 4538
Rhyacionia bushnelli, Pinus ponderosa 4197
Rhynchosporium secalis
Hordeum vulgare 4562, 5679, 5683, 8039
gene location 11318
genetics 4563, 7791, 11318, 12098
linkage 11318
molecular genetics 4563
random amplified polymorphic DNA 8042
Secale cereale 227, 4562
Ribes
chromosome morphology 1731
Cronartium ribicola 10692
diseases 11738
insects 11738
Ribes khorasanica, taxonomy 10691
Ribes nigrum
ascorbic acid 758
cryopreservation 12660
gene mapping 3965
heritability
fungi 759
yield components 759
organic acids 758
polymerase chain reaction, dehydrins 12661
quality 758
random amplified polymorphic DNA 3965
sugars 758
tissue culture 3966, 12660
variety trials 2688
varieties 757, 2688
Imandra-2 2689
Murmanchanka 2689
Pamyati Bredova 2689
Podarok Zapolyar'ya 2689
Ribes rubrum
ascorbic acid 758
organic acids 758
quality 758
sugars 758
Ribonucleases
mitochondrial genetics 1188
Petunia inflata, genetic transformation 7687
Prunus dulcis 11782
Pyrus communis 3939
Pyrus pyrifolia 3939
gene expression 11676
genetics 666
nucleotide sequences 667
Pyrus ussuriensis 3939
Ribonucleoproteins
Arabidopsis thaliana
gene expression 63
nucleotide sequences 63
Oryza sativa, nucleotide sequences 10298
Ribosomal DNA
Arabidopsis suecica, nucleotide sequences 9990
Arabidopsis thaliana
genetic transformation 8996
nucleotide sequences 8999
Avena sativa, polymerase chain reaction 4572
Ribosomal DNA *cont.*
Beta vulgaris, sugarbeet, gene mapping 8672
Coffea, nucleotide sequences 10844
Festuca, molecular genetics 10350
Festuca arundinacea, molecular genetics 10350
Gentiana, nucleotide sequences 5408
Gossypium
evolution 10878
fluorescence *in situ* hybridization 8717
nucleotide sequences 10878
Helianthus annuus, restriction fragment length polymorphism 1800
Helianthus argophyllus, restriction fragment length polymorphism 1800
Lycopersicon esculentum
fluorescence *in situ* hybridization 5005
gene mapping 5005
Medicago
fluorescence *in situ* hybridization 1442
restriction fragment length polymorphism 1442
Orchis laxiflora, restriction fragment length polymorphism 11041
Orchis morio, restriction fragment length polymorphism 11041
Oryza rufipogon, evolution 4678
Oryza sativa, evolution 4678
Pennisetum, fluorescence *in situ* hybridization 325
Pennisetum glaucum
gene mapping 8121
restriction fragment length polymorphism 8121
Pennisetum violaceum
gene mapping 8121
restriction fragment length polymorphism 8121
Populus, fluorescence *in situ* hybridization 2942
Triticum aestivum, nucleotide sequences 9110
Ribosomal RNA
Aegilops, fluorescence *in situ* hybridization 4544
Arabidopsis thaliana, gene mapping 11165
Brassica, gene expression 9656
crops
molecular genetics 7866
polymerase chain reaction 7866
Elaeis guineensis, fluorescence *in situ* hybridization 5189
Kengyilia alatavica, nucleotide sequences 8218
Malus pumila, gene location 7352
Nicotiana tabacum, chloroplast genetics 4115
Oenothera, chloroplast genetics 6462
Oryza rufipogon, genetic markers 4668
Oryza sativa, genetic markers 4668
Picea glauca, gene mapping 12900
Picea sitchensis, gene mapping 12900
Pinus pinea, nucleotide sequences 1897
Tuber borchii, restriction fragment length polymorphism 5478
Tuber magnatum, restriction fragment length polymorphism 5478
Ribosome-inactivating proteins
Beta vulgaris, fodder beet, nucleotide sequences 8408
Iris hollandica, nucleotide sequences 13005
Sambucus nigra, nucleotide sequences 11765
Ribosomes
Glycine max, nucleotide sequences 10410
Nicotiana tabacum, gene expression 5237
Oryza sativa
chloroplast genetics 3581
gene expression 3581
nucleotide sequences 3581
Solanum tuberosum
gene expression 532
nucleotide sequences 532
Triticum aestivum, molecular genetics 9112
Ribosomes *cont.*
Vicia faba, mitochondrial genetics 9424
Zea mays
gene expression 8083
nucleotide sequences 8083
Ribozymes, *Solanum tuberosum,* genetic transformation 10544
Ribulose-biphosphate carboxylase
Saccharum officinarum
gene expression 8640
genetic transformation 8640
Ribulose-bisphosphate carboxylase
angiosperms, chloroplast genetics 100
Beta vulgaris, sugarbeet, gene expression 12795
Fabaceae, nucleotide sequences 2113
Fagopyrum, molecular genetics 3639
Flaveria bidentis
gene expression 4262
genetic transformation 4262
Geranium, nucleotide sequences 7664
grasses, gene expression 4758
gymnosperms, chloroplast genetics 100
Lycopersicon esculentum
gene expression 595, 5012, 12598
genetic transformation 12598
Manihot esculenta, nucleotide sequences 6098
molecular genetics 10015, 12113
Nicotiana tabacum
genetic transformation 6326
nucleotide sequences 4114
nucleotide sequences 4453
Oryza sativa 367
genetic engineering 8640
genetic transformation 11418
Pisum sativum, gene expression 9440
Saccharum officinarum
gene expression 8645
genetic transformation 8645
Spinacia oleracea, nucleotide sequences 3843
Triticum aestivum, promoters 2141
Zea mays
artificial selection 10197
gene expression 1365
Ribulose-bisphosphate carboxylase activase
Arabidopsis thaliana
gene expression 2082
genetic transformation 2082
mutations 9013
Gossypium hirsutum
gene expression 2884
molecular genetics 2884
Nicotiana tabacum
gene expression 2082
genetic transformation 2082
Rice dwarf phytoreovirus
Oryza sativa
gene expression 7062
genetic transformation 7062
Rice tungro bacilliform badnavirus, *Oryza sativa* 4749, 5938
Rice tungro spherical waikavirus, *Oryza sativa* 4749, 5938
Rice tungro virus, *Oryza sativa* 1422
Ricinus communis
gene expression
alcohol dehydrogenase 5194
calreticulin 12771
glutaredoxin 12770
isocitrate lyase 7432
phosphatidylcholine 12-monooxygenase 9690
protein disulfide-isomerase 9691
genetic engineering
alcohol dehydrogenase 5194
phosphatidylcholine 12-monooxygenase 9690
genetics, waxes 7514
height 5193
mitochondrial genetics 5195
nucleotide sequences
calreticulin 12771
glutaredoxin 12770
phospholipase D 4080
protein disulfide-isomerase 9691
variety trials 5193
Rimsulfuron, *Zea mays* 1382, 6951

Ripening
Actinidia chinensis, gene expression 9617
Capsicum annuum 3893
gene expression 3891, 6150
nucleotide sequences 3891, 6150
Carica papaya
gene expression 8529
nucleotide sequences 8529
Cucumis melo
gene expression 6155, 7335, 9576
genetic transformation 7335
nucleotide sequences 6155
Diospyros kaki, genetics 12702
Fragaria ananassa
gene expression 12666
nucleotide sequences 12666
fruit crops, genetic transformation 5595
Lycopersicon esculentum 603
gene expression 1651-1652, 5011, 7313, 9557, 9561, 10593, 11642, 12188
genetic transformation 6138, 9007
genetics 7318
molecular genetics 9557
mutations 602, 1657, 3870, 5011
nucleotide sequences 6134, 7313, 10593, 11642
Malus pumila, gene expression 10658
Musa
gene expression 10726, 12684
nucleotide sequences 10726, 12684
Prunus avium
gene expression 2677
nucleotide sequences 2677
Pyrus communis
gene expression 8476
nucleotide sequences 8476
Vitis vinifera
gene expression 2699
molecular genetics 2699
Riptortus*, *Glycine max 12477
RNA
Cucumis melo, techniques 10620
Humulus lupulus 4318
Sorghum bicolor 6972
techniques 2062
RNA editing, evolution 11216
RNA helicase
Arabidopsis thaliana
gene expression 9538
nucleotide sequences 9538
Spinacia oleracea
gene expression 9538
nucleotide sequences 9538
RNA polymerase
Agaricus bitorquis
mitochondrial genetics 1125
nucleotide sequences 1125
Arabidopsis thaliana
gene expression 44, 3202, 7816
nucleotide sequences 44, 1193, 7816
gene expression 3192
reviews 11159
Nicotiana tabacum, gene expression 11882
Oryza sativa, gene expression 3623
Zea mays, molecular genetics 10151
Robinia pseudoacacia
gene expression
methionine 4181
proteins 4181
heritability, yield components 981
nucleotide sequences
methionine 4181
proteins 4181
polyembryony 5296
varieties, Lady Lace 5334
Roemeria, restriction fragment length polymorphism, phylogeny 6538
Root crops
genetic resources 4895-4896, 12535
tissue culture 12535
Root shoot ratio
Nicotiana tabacum
gene expression 8696
genetic transformation 11886
mutations 8696
Raphanus sativus 12575
Rooting capacity
Asparagus officinalis 1642
Calliandra calothyrsus 9795
Rooting capacity *cont.*
Carthamus tinctorius 7497
Cicer arietinum 2467
Eucalyptus nitens
combining ability 8779
heritability 8779
Juglans nigra 12713
Juglans regia 12713
Malus pumila, polymerase chain reaction 10641
Pinus sylvestris 2970
Pinus taeda, gene expression 12895
Prunus dulcis 11783
polymerase chain reaction 10641
Prunus persica 1729
Simmondsia chinensis 5200, 5208
Vitis 776
Roots
Arabidopsis thaliana
gene expression 9010
gene mapping 4394
genetics 5550-5551, 12144
mutations 5550, 9010, 9980, 11177, 12140
nucleotide sequences 12140
restriction fragment length polymorphism 4394
yeast artificial chromosomes 4394
Coffea canephora 4109
Corchorus capsularis
heterosis 4151
induced mutations 4151
Daucus carota, genetics 2505
Festuca 11478
gene expression 4402
genetic transformation 5522
Glycine max
genetics 10416
heritability 1494
mutations 10416
Gossypium hirsutum 1869, 6350
Manihot esculenta, genetics 10554
Medicago sativa
genetic variance 4790
heritability 4790
Musa 5141
mutations 4402
Nicotiana sylvestris
gene expression 8697
genetic transformation 8697
Oryza sativa 3602
gene mapping 8157
genetic variance 12379
genetics 4711, 10315
heritability 12379
induced mutations 10315
mutations 2333, 4711
restriction fragment length polymorphism 8157, 12380
Phaseolus vulgaris 4862
Pisum sativum, mutations 6058
Raphanus sativus, genetics 4943
Saccharum officinarum 8650
Trifolium repens 1463
artificial selection 1462
gene expression 432
Triticum aestivum 132, 5642, 11274
genetic variance 10050
Zea mays 301
artificial selection 6931
induced mutations 10201
mutations 2268, 5782
random amplified polymorphic DNA 2268
Rootstocks (*see also* Grafting)
Citrus 8523
Corylus 652
Juglans 652
Malus 664, 3934, 5083
Malus pumila 3929, 7357, 10655, 10657
Mangifera indica 799, 12695
Pinus elliottii 8937
Pinus taeda 8937
Prunus 3946, 7382, 11709
cherries 747, 5103, 11705, 11711, 11719
peaches 7383-7384
plums 742, 3949, 7376
Prunus armeniaca 703, 705
Prunus avium 11710, 11713
Prunus cerasus 11710
Rootstocks *cont.*
Prunus davidiana 5115
Prunus insititia 7384
Prunus mahaleb 9599, 11710
Prunus persica 749, 5115
Pyrus communis 2673, 5090
Rhododendron 1923
Rosa 12971
temperate fruits 652
Rosa
anther culture 7668
Botrytis cinerea 1051, 12968
breeding 12926
conferences 13054
chromosomes 3039
Coniothyrium fuckelii 12968
Diplocarpon rosae 12968, 12970
evolution 11010
fluorescence *in situ* hybridization 7666
gene expression, naringenin-chalcone synthase 12953
genetic markers 6416
genetic resources 12929
genetic transformation 2063, 12955
naringenin-chalcone synthase 12953
haploidy 7668
in vitro culture 12927
interspecific hybridization 1945, 6457
meiosis 6457
Meloidogyne hapla 12971
multivariate analysis, taxonomy 12967
mutations 1940
nucleolus organizer 7666
Peronospora sparsa 12968
pollen culture 7668
polymorphism, isoenzymes 8829
polyploidy 1940, 6457, 12957
quality 1943, 12964-12965
random amplified polymorphic DNA 4244, 12952
Diplocarpon rosae 12969
taxonomy 12966
variety classification 4242-4243, 12961, 12969
reproduction 7667, 11990
restriction fragment length polymorphism, phylogeny 9823
rootstocks 12971
sexual reproduction 12927
Sphaerotheca pannosa 12968
taxonomy 1944-1945, 9824
techniques, colour 12960
tissue culture 3040, 5372, 6418, 9822, 12962-12963
variety classification 8829
varieties
Allure 12943
Amarillo 12944
Ambridge Rose 5365
Appleblossom 4230
Apricot Bouquet 4229
Ausbloom 5364
Ausbreak 5366
Ausreef 5367
Ausvelvet 5368
Auswalker 5369
Auswonder 5365
Barossa Dream 6454
Bella Minijet 6451
Benmagic 5370
Benmoon 5371
Bianca 12933
Black Madonna 6448
Calibra 6444
Cassandre 8823
Charming Festival 4241
City of Goulburn 1924
Classic Parade 12935
Courage 8822
Cream Prophyta 12939
databases 12928
Delilah 12947
Dreaming Parade 12936
Eric the Red 4239
Escimo 6443
Fire Festival 4233
Fragrant Minijet 6450
Fucshia Meidiland 8826
Gem 12949
Golden Mimi 1932
Gypsy Minijet 6452

***Rosa** cont.*
varieties *cont.*
Happy Minijet 6453
Imagination 1938
Interlis 12932
Interpeach 12931
Intersept 4228
JACfre 1924
JAClin 1925
JACsedi 1926
Jayne Austin 5366
Joker Festival 4235
Korbacol 6442
Korcilmo 6443
Korcrisett 6444
Kordaba 6445
Korlaper 6446
Korpinka 6447
Korschwama 6448
La Perla 6446
Lambada 6445
Lavdoll 4229
Lavquest 8820
Little Bo Peep 1935
Love Potion 1926
Lovely Fairy 12946
Lydia 12932
MACoborn 1927
Maggie Barry 1927
Magic Meidiland 8821
Mascara 1929
Mascara Minijet 6449
Meiblonver 1928
Meibonrib 8821
Meicairma 8822
Meicarsel 6449
Meidalnu 1929
Meideuji 8823
Meidrofal 6453
Meigrolet 6450
Meihouba 1930
Meikister 1931
Meilarac 6451
Meimagul 6452
Meinivoz 8825
Meioffic 8824
Meipelta 8826
Meispreyo 1932
Meitobla 8827
Meivamo 1933
Message-91 1930
Michael Crawford 1936
Milana Festival 4234
Mini Champagne 12941
Moon River 5371
Muskstick 4238
Noamel 4230
Oasis Sunset 6455
Opal 12948
Paris d'Yves St Laurent 1933
Patriot 1925
Peachy 12931
Pink Bouquet 8820
Pink Festival 4236
Pirouette 5370
Poulann 12934
POULbero 1934
Poulci 12935
POULlen 1935
Pouloral 12936
Poulvic 12937
POULvue 1936
Prebian 12933
Prophyta 12940
Queen Parade 12934
Red Festival 4240
Ruby Rosamini 4228
Ruialex 4240
Ruicharm 4241
Ruichris 4231
Ruidiggel 4232
Ruifire 4233
Ruigal 4234
Ruijoho 12938
Ruikuik 12939
Ruipipi 4235
Ruirodella 4236
Ruirovingt 12940
Savabear 8828
Schovian 12945
Selcarbonium 12942
Selchroom 12944
Selhafnium 12943
Selscandium 12941
Sharifa Asma 5367
Simply Magic 8827
Snowy Cupido 4232
Solitude 1934
Spevu 12946
Spirit of Peace 8825
Summer Fairytale 6447
Sunauck 6454
SUNdel 12947
Sunmani 6455
Sunny Cupido 4231
Sunny Prophyta 12938
SUNpat 12948
SUNsalm 12949
Sweet Sonata 8824
Teddy Bear 8828
Texas 6442
The Dark Lady 5364
The Pilgrim 5369
The Prince 5368
The Temptations 1937
Trudy Mimi 1931
Victoria Gold 4237
Victory Parade 12937
Viviane 12945
WEKaq 1937
WEKmar 1938
Welgold 4237
Welpink 4238
Welred 4239
White Majesty 1928
Rosa canina
breeding 1939
interspecific hybridization 1939
lipids 1941
Rosa chinensis, Frankliniella occidentalis 11012
Rosa complicata
interspecific hybridization 11992
taxonomy 11992
Rosa gallica
interspecific hybridization 11992
taxonomy 11992
Rosa hybrida
artificial seeds 11991
artificial selection, *Sphaerotheca pannosa* 1052
embryo culture 11991
gamma radiation 8807, 12958
genetic transformation 6456
cecropin 1050
quality 1050
induced mutations
chlorophyll 8807
fertility 12958
flowers 8807
haploidy 12958
leaves 8807
pollen 12958
tissue culture 1050, 1942, 3041
Rosa kordesii, varieties, Quadra 8819
Rosa multiflora
cryopreservation 4245, 12930
random amplified polymorphic DNA 12954
Rosa omeiensis, nomenclature 11011
Rosa roxburghii, cytotaxonomy 6457
Rosa rugosa
pollination 12959
self incompatibility 12959
varieties
HUXL-1 12950
Lily Freeman 12950
Rosa sericea, nomenclature 11011
Rosa* (×) *Prunus, protoplast fusion 12956
Rosa* (×) *Rubus, protoplast fusion 12956
Rosmarinus officinalis
cold resistance 9898
essential oils 9898, 11084
varieties, Silver Spires 1121
Rotations
Populus 958-959
artificial selection 4174
Salix 958-959
Trifolium repens 1467
Triticum aestivum 7990
Rotylenchulus reniformis
Glycine max 6029
Gossypium hirsutum, chromosome addition 11909
Gossypium longicalyx, chromosome addition 11909
Rubber, *Parthenium argentatum* 11917
Rubus
apomixis 3268
chromosome number 8498, 9602
diseases 11738
genetic resources 755, 2686
insects 11738
taxonomy 2687, 3964
blackberries
Cercosporella rubi 7392
pollination 3963
tissue culture 11740
raspberries
breeding 7391
tissue culture 11740
Rubus chamaemorus
acylglycerols 10690
fatty acids 10690
oils 10690
Rubus fruticosus, tissue culture 12659
Rubus idaeus
gene expression, polygalacturonase 12658
in vitro selection, cold resistance 5116
nucleotide sequences, polygalacturonase 12658
plant introduction 10689
Tetranychus urticae 10688
tissue culture 12659
variety trials 10689, 11739
Rubus kuleszae, taxonomy 756
Rubus* (×) *Rosa, protoplast fusion 12956
Ruellia verbasciformis, nomenclature 13001
Rumex acetosa, varieties 5592
Rutaceae
proline 9635
proline betaine 9635
Saccharum
combining ability, yield components 2784
β-fructofuranosidase 8651
gene expression, catechol oxidase 1831
gene mapping 2780
genetic resources 8621, 11846
genetic transformation
bilanafos 2800
herbicides 2800
genetic variance, quantitative traits 7532
Glomerella tucumanensis 881
heritability, quantitative traits 7532
multivariate analysis, yield components 2784, 5213
nitrogen 11853
nucleotide sequences, catechol oxidase 1831
nutrients 11853
Pachymetra chaunorhiza 8667
photosynthesis 11853
random amplified polymorphic DNA 2780
taxonomy 8648
restriction fragment length polymorphism 8639
evolution 7536
stability, yield components 8658
stress 11853
sucrose 8651
yield correlations 2783, 5213
varieties
66N2008 8632
76N749 8631
86A55 8633
Q163 8634
Q165 8635
Q166 8636
Q167 8637
Q170 8638
Saccharum officinarum
artificial seeds 11856
artificial selection 8624, 10824, 12781
diseases 12780
growth period 870, 12784
quality 8620, 8656
statistics 8623
sucrose 12780
Ustilago scitaminea 8668

Saccharum officinarum *cont.*
artificial selection *cont.*
yields 8655
betaine 8652
biotechnology 10827
breeding 867, 7525-7527, 8618, 11847
history 8619, 8622
Chilo auricilius 2795, 7541
Chilo infuscatellus 2798, 5216
Chilo sacchariphagus 2799
Clavibacter xyli 876-877, 6300
cold resistance 875, 9698, 12787
combining ability, *Ustilago scitaminea* 9700
conferences 8946
cryopreservation 10830
defoliation 11857
development 6299
Diatraea saccharalis 2796
digestibility 871
diseases 2789, 8662
drought resistance 9699
dry matter 8652
ecotypes 8654
endophytes 9085
experimental design, variety trials 2775
flooding 12786
flowering 2781, 4091, 8653, 11852
fungi 1836, 8665
gamma radiation 5215
gene expression
acid invertase 8644
catechol oxidase 8657
β-fructofuranosidase 8647
Pachymetra chaunorhiza 10832
ribulose-biphosphate carboxylase 8640
ribulose-bisphosphate carboxylase 8645
sucrose-phosphate synthase 8646
gene mapping 8643
genetic markers 8641-8642
diseases 8666
genetic transformation 1832, 10826
Antitrogus consanguineus 8670
Bacillus thuringiensis 12790
bilanafos 11849
Diatraea saccharalis 12790
β-fructofuranosidase 8647
herbicides 11849
Lepidiota negatoria 8670
Lepidiota noxia 8670
pathogens 11849
proteinase inhibitors 8670
ribulose-biphosphate carboxylase 8640
ribulose-bisphosphate carboxylase 8645
sucrose-phosphate synthase 8646
sugarcane Fiji disease fijivirus 8669
sugarcane mosaic potyvirus 8669
genetic variance, *Ustilago scitaminea* 9700, 11862
genetics, sugarcane mosaic potyvirus 2792
genotype environment interaction 159, 8659
nutrients 8660
yield components 1834, 2786, 8660
Glomerella tucumanensis 878-880, 2790-2791, 4093, 7538-7539, 8664, 11861, 12789
haploidy 4090
heritability
quality 870, 4092
Ustilago scitaminea 11862
yield components 4092, 7533, 12785
in vitro culture 4090, 8650
in vitro selection
ametryn 2801-2802
anoxia 8661
2,4-D 2801
herbicides 2801-2802
waterlogging 8661
induced mutations
Puccinia keuhnii 5215
Puccinia melanocephala 5215
insects 10834
interspecific hybridization 2780
leaves 8654, 10829
mechanical harvesting 874

Saccharum officinarum *cont.*
Meloidogyne javanica 884
mutagens 5215
nitrogen 7535
nitrogen fixation 9085
nucleotide sequences
acid invertase 8644
catechol oxidase 8657
nutrients 7537
photoperiodism 8653
photosynthesis 869
plant composition 2785, 2797, 9695
planting date 11858
polyamines 9699
polymerase chain reaction 9694
Polyocha depressella 885, 2793-2794
potassium 9695
protoplast culture 5214
quality 873, 7535, 9696, 11852
random amplified polymorphic DNA 8625, 8641, 9694
diseases 8666
ratooning 11851, 12781
reducing sugars 872
roots 8650
salinity 2787-2788, 9697, 11859
Scirpophaga excerptalis 2797, 4094, 10835
self pollination 8625
solar radiation 869
source sink relations 2782
sprouting 882
stability 10831
stomata 1833
sucrose 6299, 8652, 8654
sugarcane bacilliform badnavirus 883
sugars 4094
sulfur 7537
techniques, *Glomerella tucumanensis* 11860
tissue culture 1835, 11856
transpiration 1833
Ustilago scitaminea 882, 6301-6302, 7538, 7540, 8663, 9701, 10833, 12788
variety trials 159, 2774, 2776-2777, 4087-4089, 7528-7530, 8616-8617, 8622, 8627-8628, 11848, 12782
databases 8626
vegetative propagation 11850
wide hybridization 8642
yield components 2790, 11852
yield correlations 2790, 10828-10829, 11854-11855
varieties 868, 8630
Co91230 2779
CoG94077 2776
CoS91248 7531
CoS93218 8629
CP72-1312 12783
ROC18 1830
ROC22 10825
UP39 2778
ZN1L 12783
ZN2E 12783
Saccharum robustum
gene expression, acid invertase 8644
interspecific hybridization 2780
multivariate analysis, yield components 7534
nucleotide sequences, acid invertase 8644
Saccharum spontaneum
Pachymetra chaunorhiza 8667
polyploidy 8649
Saccharum* × *Erianthus, intergeneric hybridization 8641
Sahlbergella singularis, Theobroma cacao 10848, 11875
Saintpaulia ionantha, tissue culture 7682
Salicaceae
evolution 10895
taxonomy 10895
Salicylic acid
Arabidopsis thaliana, mutations 11135, 11194
gene expression 8967
Glycine max 7157
Nicotiana tabacum 4121
gene expression 4120, 5248, 8702, 10850

Salinity
Allium sativum 6112
Arabidopsis thaliana
gene expression 12152
gene location 84
genetic transformation 11190
mutations 84, 9046, 12152
Beta vulgaris
sugarbeet
gene expression 4100
nucleotide sequences 4100
Brassica carinata 7468, 11812, 12736
combining ability 2748
Brassica juncea 11812
in vitro selection 11811
techniques 7483
Buchloe dactyloides 421
Cicer arietinum 11571
Citrus sinensis, in vitro selection 11776
crops, artificial selection, reviews 12090
Cucumis melo 12629
genetic transformation 6157
Cyamopsis tetragonoloba 8364
Cymbopogon martinii, in vitro selection 12049
Elymus × *Triticum* 10033
Eucalyptus camaldulensis 10904
fodder legumes, reviews 3650
genetic engineering 2037
Glycine max 10428
genetic markers 9407
polymerase chain reaction 9407
Glycine soja 9406
Gossypium 944
Gossypium hirsutum 12837
in vitro selection 4145
Helianthus annuus 4063, 7490, 10796-10797
in vitro selection 10798
stability 4064
Hordeum spontaneum 9172
amplified fragment length polymorphism 10117
Hordeum vulgare 218, 9171-9172, 11317
gene mapping 10119
genetics 1331, 3384
mutations 8036, 10116
Inula crithmoides 3120
Kosteletzkya virginica, in vitro selection 3640
Leymus arenarius, genetics 10358
Lycopersicon
gene mapping 12610
genetic variance 12609
heterosis 12609
restriction fragment length polymorphism 12610
Lycopersicon esculentum 609-610, 2584, 3877, 8442, 10603
artificial selection 3878
gene expression 8441
restriction fragment length polymorphism 1662
Lycopersicon pimpinellifolium, restriction fragment length polymorphism 1662
Mangifera indica 12694
Medicago sativa 10371
gene expression 5981, 11498
in vitro selection 1445
Medicago varia, in vitro selection 11500
Nicotiana tabacum 918
DNA methylation 12820
gene expression 4125
genetic transformation 10863
in vitro selection 7583, 8701, 12821
molecular genetics 4125
Olea europaea 7503, 11835, 12762
Oryza sativa 379-381, 3624, 3626, 4739, 11439
gene expression 8173, 10335
genetic markers 4738
genetics 5927
in vitro selection 2358
nucleotide sequences 8173
random amplified polymorphic DNA 1414
somaclonal variation 5925
Pennisetum glaucum, genetic variance 3568
Phaseolus acutifolius 9434
Phaseolus vulgaris 7173, 9434

Salinity *cont.*
Pisum sativum, in vitro selection 1530
Saccharum officinarum 2787-2788, 9697, 11859
Simmondsia chinensis, artificial selection 5212
Solanum tuberosum 2502
Sorghum bicolor 4631
Trifolium repens
heritability 8236
in vitro selection 8236
triticale 6888
Triticum aestivum 167, 2190, 3356, 4509, 4512, 11277
combining ability 9129
in vitro selection 170, 4521, 10076
Triticum durum 12268
chromosome translocation 3348
gene mapping 3348
restriction fragment length polymorphism 3348
Vigna radiata, in vitro selection 4893
Zea mays 296, 5830
Zoysia, in vitro selection 5971
Salix
artificial selection, coppicing 12881
biomass 958
coppicing 959
Galerucella lineola 10927
genetics, *Melampsora epitea* 8788
heavy metals 12882
Phratora vulgatissima 10927
rotations 958-959
toxic substances 12882
Salix alba
Erwinia salicis 2948
interspecific hybridization 2948
Salix dasyclados
biomass, statistics 2947
height, statistics 2947
Salix eriocephala
genetics, arthropods 1887
interspecific hybridization 1887, 10925
Melampsora 10925
pests 10925
Salix fragilis
Erwinia salicis 2948
interspecific hybridization 2948
Salix fulvopubescens, taxonomy 1886
Salix lasiolepis
Euura 10926
Euura lasiolepis 10926
Phyllocolpa 10926
Salix sericea
genetics, arthropods 1887
heritability, phenolic glycosides 9792
interspecific hybridization 1887, 10925
Melampsora 10925
pests 10925
Salix taiwanalpina, taxonomy 1886
Salix viminalis
biomass, statistics 2947
Dasineura marginemtorquens 11941
gene expression
insects 11940
proteinase inhibitors 11940
gene flow 1885
genetic variation, isoenzymes 1885
genetics, isoenzymes 7629
height, statistics 2947
linkage, isoenzymes 7629
Melampsora 4178
sex 7628
Salt tolerance (*see* Salinity)
Salvia
fatty acids 5210
leaves 13040
oils 5210
taxonomy 12038, 13040
Salvia farinacea, varieties, Strata 5384
Salvia miltiorrhiza
dashinone 3112
polyploidy 3112, 6529
Salvia officinalis
breeding 8921
essential oils 1119
flowering 1119
synthetic varieties 8921, 8923
Sambucus nigra
nucleotide sequences
agglutinins 9624
Sambucus nigra *cont.*
nucleotide sequences *cont.*
lectins 9623
ribosome-inactivating proteins 11765
quality 10717
Santalum album
gene expression, somatic embryogenesis 8395
genetic markers, somatic embryogenesis 8395
outcrossing 5467
tissue culture 5470
Santolina rosmarinifolia
mutations, leaves 3014
varieties, Lemon Fizz 3014
Sapium sebiferum, tissue culture 6387
Saponins 2050
Lens culinaris 9446
Lupinus angustifolius 3688
Medicago sativa 429
Sarcozona
dioecy 4290
taxonomy 4290
Sarracenia jonesii, genetic variation, isoenzymes 1980
Sarracenia oreophila, genetic variation, isoenzymes 1980
Sarracenia purpurea, taxonomy 12029
Satellite DNA
Allium 1598
Allium cepa 1598
Allium roylei 1598
Solanum demissum, nucleotide sequences 12545
Satyrium, pollination 3101, 8883
Scaevola, pollination 12001
Scaevola aemula, varieties, Summertime Blues 12978
Schefflera arboricola, varieties, Mme de Smet 1918
Schizaphis graminum
Hordeum chilense, gene location 4568
Hordeum vulgare, gene mapping 8047
Hordeum × *Triticum,* gene location 4568
Sorghum bicolor 11387
backcrossing 322
genetics 322
Triticum aestivum 4538
genetics 6769
germplasm releases 6769
Triticum durum 4538
Schizophyllum (×) ***Pleurotus,*** protoplast fusion 1126
Schlumbergera
genetics, self incompatibility 9865
varieties
Carmen 6513
Mikado 6514
Mozart 6514
St Andrew 6515
Swan Lake 6515
Scholtzia oligandra, varieties, White Cascades 4251
Schwantesia, taxonomy 5447
Scirpophaga excerptalis, Saccharum officinarum 2797, 4094, 10835
Scirpophaga incertulas
Oryza latifolia 3635
Oryza sativa 4752
genetic engineering 10342
genetic transformation 11445
Sclerospora (*see also Peronosclerospora)*
Sclerospora graminicola
Pennisetum glaucum 2310, 4651
combining ability 11396
genetics 5864
techniques 6993
Sclerotinia sclerotiorum
Brassica 10779
Brassica napus, rape 2749, 6250, 10777
Brassica oleracea
cabbages 1633
heritability 1633
cauliflowers, heritability 1633
Glycine max 9412
linkage 4841
Helianthus 11820
Helianthus annuus 8596, 10800
Sclerotinia trifoliorum
Medicago sativa 1448
genetics 1446
Sclerotinia trifoliorum *cont.*
Medicago sativa cont.
techniques 1446
Trifolium pratense 5985
random amplified polymorphic DNA 8237
Sclerotium (*see also Macrophomina; Magnaporthe)*
Scopolia carniolica, genetic resources 8905
Scopolia (×) ***Nicotiana,*** protoplast fusion 912
Seasonal growth
Azadirachta indica 12040
Cucumis sativus 10627
Prunus persica, transgression 7386
Secale
fluorescence *in situ* hybridization, phylogeny 3418
genetics, cytoplasmic male sterility 3408
molecular genetics, repetitive DNA 10130
multivariate analysis, morphology 12301
taxonomy 12301
Secale cereale
accessory chromosomes 1346, 9181, 11243
aluminium 1348, 6689
anther culture 3410-3411, 10131
breeding 3398
conferences 4331
chromosome addition 11243
drought resistance 4463
chromosome banding 3404
chromosome pairing 1345, 9180-9181
chromosome translocation 2237, 3404, 9058
Claviceps 8059-8060
cold resistance 7878
combining ability
Puccinia recondita 10132
yield components 3399
crop density 4579
crossing over 9180
cytoplasmic male sterility 3406
development 5692
DNA methylation, nucleolus organizer 11323
Erysiphe graminis 226-227
fluorescence *in situ* hybridization 6834
fungicides 226-227
Fusarium culmorum 4583
gene expression, chaperonins 3409
gene location
aluminium 12302
drought resistance 4463
isoenzymes 12302
gene mapping 3400, 3402, 6683, 8057, 10020
allergens 4473
DNA methyltransferase 4473
endosperm 12300
height 3291
ligules 12300
vernalization 3291
waxes 12300
genetic markers 123, 3403
genetic transformation 3401
genetics
aluminium 3420
α-amylase 1347
conferences 4331
cytoplasmic male sterility 3407-3408
Fusarium culmorum 3421
reviews 11231
Gibberella zeae, reviews 11231
meiosis 3405
Puccinia recondita 3422-3423
harvesting 5694
height 5692
heritability
Fusarium culmorum 8061
quality 3416
hybrid seed production 3406
intergeneric hybridization 7873
isoenzymes 7951
leaves 5692
Leptosphaeria avenaria 3295
linkage
aluminium 12302
isoenzymes 12302

Secale cereale *cont.*
mutations
endosperm 12300
ligules 12300
meiosis 3405
waxes 12300
Mycosphaerella graminicola 3295
nitrogen 4579, 5694
nucleotide sequences, chaperonins 3409
nutrients 4579, 5694
pentosans 3415
peroxidases 7951
polymerase chain reaction, repetitive DNA 4461
polyploidy 1345
Pratylenchus neglectus 6691
Puccinia recondita 226
quality 3413-3415, 3417, 5693, 12211
random amplified polymorphic DNA 3400
somaclonal variation 3412
recombination 4580
sex 1344
repetitive DNA 10020
restriction fragment length polymorphism 3400, 6683
allergens 4473
DNA methyltransferase 4473
endosperm 12300
ligules 12300
waxes 12300
Rhynchosporium secalis 227, 4562
stability, yield components 3419
synaptonemal complex 4437
tissue culture 4582
Typhula ishikariensis 7878
variety trials 3419, 4579, 5694, 6673, 8056, 10017
xenia 4581
yield components 3419
varieties 12211
AC Rifle 6803
Secale montanum
chromosome morphology 6804
forage 8058
polyploidy 6804
Secale* × *Triticum (*see also* Triticale)
Secale* × *Aegilops, intergeneric hybridization 187, 6836
Secale* × *Agropyron* × *Dasypyrum* × *Triticum, intergeneric hybridization 11226
Secale* × *Avena* × *Elymus* × *Triticum, intergeneric hybridization 6690
Secale* × *Elymus, intergeneric hybridization 2142
Secale* × *Hordeum, intergeneric hybridization 11323
***Secale* × triticale**
genetic markers, gliadin 299
intergeneric hybridization 299, 3294, 6848
Secale* × *Triticum
chromosome aberrations 2145
chromosome addition
α-amylase 1347
drought resistance 4463
chromosome translocation
copper 156
nutrients 156, 12212
zinc 12212
colour 3331
DNA methylation, nucleolus organizer 11323
fluorescence *in situ* hybridization, chromosome pairing 6841
gene location
colour 6855
drought resistance 4463
inflorescences 6855
yield components 6854
genetic markers 123
genetics
α-amylase 1347
chromosome pairing 3315
colour 6855
height 6865
inflorescences 6855
gliadin 6856
intergeneric hybridization 123, 156, 1347, 2145, 3315, 3331, 4463, 4476, 5616, 6817, 6839, 6841,
Secale* × *Triticum *cont.*
intergeneric hybridization *cont.* 6854-6856, 6865, 11243, 11323, 12212
seeds 3331
Sechium, taxonomy 8461
Secondary metabolites
Gossypium hirsutum 9771
Hypericum maculatum 1986
Hypericum perforatum 1986
Sedoheptulose-bisphosphatase, *Spinacia oleracea,* nucleotide sequences 3843
Sedum, chloroplast genetics, phylogeny 1983
Sedum copalense, taxonomy 5446
Seed aging
Arachis hypogaea 8603
Cajanus cajan 4880
Capsicum annuum 1679
Hordeum vulgare 199, 11309
Vicia faba 11547
Seed dispersal
Olea europaea 10804
Quercus macrocarpa, genetic markers 2933
Seed moisture
crops 10021
Pisum sativum 10467
Seed orchards
Eucalyptus nitens 11923
Pinus sylvestris 12896
Pseudotsuga menziesii 10980
Seed production (*see also* Hybrid seed production)
Abelmoschus esculentus, stability 2660
Allium cepa 8414
Azadirachta indica 12040
Bunium bulbocastanum 12035
Cannabis sativa 8750
Chamomilla recutita 7709
Cichorium intybus 4998
conifers 6392, 10949
crops 2026, 4346, 10016
Cucurbita maxima 5066, 12634
Cucurbita moschata 5066
Cucurbita pepo 5066
Dactylis glomerata 8199-8200
Echinochloa helodes 10284
Fagus sylvatica 11931
Foeniculum vulgare 7731
Glycine max 7144
Gossypium hirsutum 9760
grasses 8197-8198, 8830
history 8196
Helianthus annuus 4061
Hibiscus syriacus 1048
Lesquerella fendleri 8613
Lolium boucheanum 408
Lolium multiflorum 8202
Lolium perenne 8208
Lupinus texensis 4799
Medicago sativa 2399
artificial selection 7101
germplasm releases 7099-7101
Nicotiana rustica 7581
Oryza sativa 2329
Panicum maximum 2303, 3555
Pennisetum glaucum 2307, 4456
Pennisetum purpureum 2307
Phleum pratense 10366
Picea abies 11955
Picea glauca, clonal variation 6405
Picea mariana, clonal variation 6405
Pinus 6401
Pinus radiata 1001
Pinus sylvestris 11955
Populus tremuloides 10916
Setaria sphacelata, heritability 6983
Silene vulgaris 12989
Solanum tuberosum 2496
Sorghum bicolor 4456
Trifolium repens 1461
Vaccinium 2691
Seed testing 4350
Beta vulgaris, sugarbeet 7545
Brassica oleracea, broccoli 4965
Brassica pekinensis 4965
Capsicum annuum 4965, 7328
crops, genetic markers 2070
genetic resources 6567
Glycine max 4828
Seed testing *cont.*
Glycine max cont.
random amplified polymorphic DNA 4450
Gossypium hirsutum 4140
Hordeum vulgare 2218
legislation 6595
ornamental plants, random amplified polymorphic DNA 7654
Pinus sylvestris 999
Triticum aestivum 3324
Zea mays 273
random amplified polymorphic DNA 4450
Seed treatment
Parthenium argentatum 5277
Pseudotsuga menziesii 6412
Seedlessness
Citrus 7411, 7416
induced mutations 7416
Citrus × *Poncirus* 7411
Vitis vinifera 771, 7399, 11750
genetics 6205
random amplified polymorphic DNA 3982
Seedlings
Arabidopsis thaliana
gene expression 3213
mutations 6649
Areca catechu, artificial selection 1761
Beta vulgaris, sugarbeet 5224
Brassica napus, rape 9668
Cicer arietinum 9455
Festuca arundinacea 6458
Gossypium hirsutum
combining ability 8725
genetics 8725
Helianthus annuus 5185
Ipomoea 9523
Iris pumila 4278
Lens culinaris, genetics 8324
Lolium multiflorum 1435
Lolium perenne 6458
Oryza sativa
genetic markers 4704
genetics 3593
Phyllanthus emblica, artificial selection 4010
Pinus halepensis 6400
Poa pratensis 6458-6459
Prunus cerasus 11724
Psathyrostachys juncea 9334
Zea mays 3515
Seeds
Acacia nilotica 8790
Acer, storage 9926
Allium arvense 9528
Allium cepa, storage 2121
Allium fistulosum, storage 12198
Amaranthus 9318
Arabidopsis thaliana
genetics 5555
mutations 5555, 5561, 9034
Arachis hypogaea 6273-6274, 7507, 8604
genetics 6275-6276
heterosis 6275
storage 1823, 2121, 11837
Asparagus officinalis, genetic markers 6126
Avena fatua, gene expression 4574
Bidens tripartita 10822
Brassica 1762, 8578
Chinese cabbages, storage 4964, 12198
Brassica alboglabra
gene mapping 11806
linkage 11806
random amplified polymorphic DNA 11806
Brassica campestris
gene mapping 11806
linkage 11806
random amplified polymorphic DNA 11806
sarson, genetics 7464
turnip rape 7461
Brassica carinata 8569, 10768
Brassica juncea 2744
genetics 2745
Brassica napus 8569
mutations 5177

Seeds *cont.*
Brassica napus cont.
rape 2744, 11807
gene expression 5172, 8273
genetic transformation 8273
genetics 7461
molecular genetics 2739
storage 2121, 12730
Brassica oleracea, cauliflowers, storage 12198
Cajanus cajan 10494
Capsicum 9648
Capsicum annuum 9648
storage 12198
Celosia, multivariate analysis 8850
Ceratonia siliqua, multivariate analysis 1754
Chenopodium quinoa 4754
Cicer 3770
Cicer arietinum 3770, 4875, 9456
genotype environment interaction 506
Citrullus lanatus
artificial selection 2625
genetics 1697, 2626
Citrus sinensis
gene expression 5145
genetic markers 5145
Coffea arabica, storage 2828
Corchorus olitorius, heterosis 1874
Corylus colurna, storage 6238
crops, storage 10021
Cucumis sativus, storage 12198
Dalea leporina, artificial selection 418
Daucus carota, storage 2121
Elaeis guineensis 7501
Eleusine coracana, heterosis 5865
Fagopyrum esculentum 5948
Fagopyrum tataricum 5948
Festuca nigrescens 1436
Festuca rubra 1436
fodder legumes, storage 3644
gene expression, desiccation 11132
Ginkgo biloba 10988
Glycine gracilis 3711
Glycine max 3711, 7143, 8266-8267, 8271, 8279, 9381, 10419, 10425
gene expression 463, 1495, 8273
gene mapping 1499, 3709, 10407
genetic markers 8281
genetics 4824, 6013
heritability 1494
linkage 4824
mutations 463
pleiotropy 9393
restriction fragment length polymorphism 1499, 3709, 8281
storage 2431, 3710, 4823, 10408
Glycine soja 3711
Gossypium 2882
Gossypium arboreum 8722
Gossypium barbadense, recombination 8720
Gossypium hirsutum, recombination 2875, 8720
grasses, gene expression 4489
Helianthus annuus
gene mapping 6254
genetics 6256
genotype environment interaction 10795
induced mutations 2757
restriction fragment length polymorphism 6254
storage 850, 6256
Hordeum vulgare 3381, 4554, 10109
gene expression 1321, 1324, 12204
mutations 9165
nucleotide sequences 1324
Lactuca sativa, storage 2121
Lathyrus sativus 9360
Lens, genetic distance 12511
Lens culinaris
combining ability 2463
genetic distance 12511
genetic variance 2463
genetics 8322, 8324
Lesquerella 11843
Linum usitatissimum, linseed 842
Luffa acutangula 6168
Luffa aegyptiaca 6168
Lupinus 5992

Seeds *cont.*
Lycopersicon esculentum, storage 12198
Musa, storage 10727
Nicotiana tabacum
gene expression 5246, 9738
genetic engineering 9740
genetic transformation 5172
Oryza glaberrima, storage 7036
Oryza sativa 373, 1408, 2332, 10319, 10330, 12385
genetics 4705
heritability 364
heterosis 4701
induced mutations 8145
storage 7036
Petunia hybrida
gene expression 9849
maternal effects 9849
mutations 9849
Phaseolus vulgaris 4860, 6047, 10454, 11555, 12487
gene expression 11553
genetics 3731-3732
induced mutations 2447
Physalis 9648
Physaria 11843
Picea abies 4203
Picea obovata 4203
Pinus halepensis 6400
Pinus sylvestris, heritability 5315
Pinus thunbergii 7642
Pisum sativum 3759, 3761, 10467
mutations 12105
storage 9442
Poaceae 11462
Prosopis cineraria, heritability 5299
Psophocarpus tetragonolobus, induced mutations 2483
Secale × *Triticum* 3331
Sesamum indicum 6293
genetics 7517
Setaria italica 6982
heritability 3560
Sorghum bicolor 321, 1384, 8109, 11386
genetics 8108
storage 4350, 6566, 9926
conferences 11108
Trifolium alexandrinum 8235
Triticum aestivum 3331, 4485, 6722, 10051, 12236, 12238, 12250
artificial selection 7949
gene expression 4489, 6708, 12204
somaclonal variation 2167
Triticum dicoccoides 11262
Triticum durum
gene location 4497
genetic markers 4497
Vicia faba 9425
gene expression 2442, 11548
genetic variance 11551
genetics 11550
induced mutations 12481
nucleotide sequences 11548
Vigna angularis 2475
Vigna mungo
genetics 7206
induced mutations 7206
Vigna unguiculata 1541, 4884, 12527
Vitis labrusca 11752
Vitis vinifera 11752
Zea mays 1369, 2275, 3466, 3520, 4603, 4609, 6929, 9224
DNA methylation 5793
gene expression 8085
gene location 10216
gene mapping 5758, 5781
genetic engineering 9241
genetic variance 3481
genetics 5778, 5793, 10216
maternal effects 5793
mutations 5758, 5778, 5781, 10216
pleiotropy 5758
storage 6922
sweetcorn 6932
genetics 272
Seiridium unicorne, Chamaecyparis obtusa 7653
Selection 86-88, 3248, 5580, 9994
(*see also* Artificial selection; Natural selection)

Brassica napus
rape
germination 11805
temperature 11805
cytogenetics 4434
genetic markers 12161-12162
isoenzymes 9057
mathematics 3
sex 4434
Self compatibility 9067
Abies alba 11972
Amsinckia 1061
apomixis 12177
books 11112
Chionochloa macra 12428
Chionochloa pallens 12428
Helianthus annuus, genetics 7488-7489
Lycopersicon, genetic markers 601
Malus pumila 7355
modifiers 10012
Prunus armeniaca 5098
Prunus dulcis 811, 10757
Pyrus pyrifolia, mutations 666-667
Tellima grandiflora 1058
Theobroma cacao 8684
Vaccinium 12662
Vicia 440
Self incompatibility
Antirrhinum
gene expression 1963
nucleotide sequences 1963
Banksia ericifolia 4224
Banksia spinulosa 4224
Brassica
molecular genetics 9664
nucleotide sequences 827
Brassica alboglabra, molecular genetics 7286
Brassica campestris
gene expression 1776
molecular genetics 7286
nucleotide sequences 4043
Brassica napus
gene mapping 12724
rape
artificial selection 831
chromosome addition 8564
gene expression 5622, 8567
genetic engineering 8567
genetics 831-832, 7475
immunology 11799
molecular genetics 1777
nucleotide sequences 5622
random amplified polymorphic DNA 8564
Brassica nigra
chromosome addition 8564
chromosome transmission 8564
random amplified polymorphic DNA 8564
Brassica oleracea
chromosome addition 8564
gene mapping 12724
nucleotide sequences 12586
promoters 9531
random amplified polymorphic DNA 8564
restriction fragment length polymorphism 12586
broccoli
random amplified polymorphic DNA 7285
restriction fragment length polymorphism 7285
cabbages 2537
random amplified polymorphic DNA 7285
restriction fragment length polymorphism 7285
cauliflowers 1617, 8423
gene expression 7281
kale
gene expression 7279
molecular genetics 7286
nucleotide sequences 7279
Corylus avellana
DNA hybridization 1759
genetics 7431
crops, molecular genetics 1240
Drosera 8900
evolution 7863

Self incompatibility *cont.*
genetics 7863
grasses
gene expression 10360
molecular genetics 10360
Ipomoea trifida, nucleotide sequences 3814
Lilium longiflorum 7697
Lycopersicon peruvianum, genetics 12600
Malus pumila
gene expression 11670
nucleotide sequences 11670
modifiers 10012
Nicotiana alata 7578
gene expression 8694
genetics 915
Nicotiana glutinosa, genetics 915
Nicotiana plumbaginifolia, genetics 915
Nicotiana tabacum, genetics 915
ornamental plants, molecular genetics 2993
Papaver rhoeas 1106-1107
Passiflora edulis, genetics 9647
Petunia hybrida 13004
Petunia inflata, genetic transformation 7687
Phalaris coerulescens
gene expression 10360
molecular genetics 10360
Physalis crassifolia
natural selection 6531
nucleotide sequences 98
Pinus sylvestris 6399
Prunus armeniaca, genetics 3947
Prunus avium, genetics 11714
Prunus dulcis 11782
Pyrus communis 3939
Pyrus pyrifolia 3939
gene expression 11676
genetics 666
nucleotide sequences 667
Pyrus ussuriensis 3939
Quercus ilex 12865
Rosa rugosa 12959
Schlumbergera, genetics 9865
Solanaceae 3265
genetics 9065
molecular genetics 3262
Solanum carolinense
natural selection 6531
nucleotide sequences 98
Theobroma cacao 8683-8684
Tolmiea menziesii 1058
Vicia 440
Self pollination
Abies alba 10977
Arabidopsis thaliana, mutations 4404
Echinacea purpurea 4258
Eucalyptus regnans, natural selection 10901
Helianthus annuus 4061, 11815
Hibiscus laevis 7660
Impatiens balsamina 8845
Iris versicolor 12013
Mimulus, genetic markers 12992
Pinus pinaster 991
Prunus persica 8487
Saccharum officinarum 8625
Sinapis alba 8585
Tulipa 7698, 8879
Senecio heritieri, nomenclature 13000
Senecio vulgaris, population genetics, *Erysiphe cichoracearum* 7792
Senescence
Arabidopsis thaliana
gene expression 3229, 5548
genetic engineering 9007, 9848
genetics 12146
molecular genetics 3229
Brassica napus
rape
gene expression 8571
nucleotide sequences 8571
Dianthus caryophyllus, gene expression 9835, 12188
Glycine max 4820
Helianthus annuus
combining ability 8592
genetic variance 6255, 8592
Lolium perenne, mutations 9328

Senescence *cont.*
Lycopersicon esculentum
gene expression 7315
nucleotide sequences 7315
molecular genetics 8970-8971
Oryza sativa 379, 2340
Petunia hybrida, genetic transformation 9007, 9848
Phaseolus vulgaris, gene expression 3730
Pisum sativum 4869
Sorghum bicolor 5848
Senna multijuga
aluminium 6391
toxic substances 6391
Septoria *(see also Leptosphaeria; Mycosphaerella)*
Triticum aestivum 172
Triticum durum 172
Septoria apiicola
Apium graveolens 10585
Petroselinum crispum 10585
Septoria lycopersici, *Lycopersicon esculentum* 6144
Sequoia sempervirens
cold resistance 2989
genetics, isoenzymes 5328
provenance trials 2989
Sequoiadendron giganteum, pollination 4212
Serine *O*-acetyltransferase, *Citrullus lanatus,* genetic engineering 7337
Serpins
Hordeum vulgare
gene expression 2125
genetic engineering 2125
Triticum aestivum
gene expression 2125
genetic engineering 2125
Serruria, artificial selection, pot plants 3034
Sesamum alatum
genetics, phyllody 5197
interspecific hybridization 5197
Sesamum indicum
Antigastra catalaunalis 5198
breeding 6290
combining ability
oils 4082
Orosius orientalis 7519
quality 4082
yield components 1828
yields 863
dry matter 12775
genetic resources 861
genetics
isoenzymes 7516
phyllody 5197
seeds 7517
germination 6293
growth period 10817
heritability, yield components 10819
heterosis, yield components 1828, 8611
interspecific hybridization 5197
multivariate analysis
genetic resources 1827
morphology 2773
yield components 12772
Neoaliturus haematoceps 865
nitrogen 12775
nutrients 12775
plant composition 864
polymorphism, isoenzymes 7516
seeds 6293
shedding 10818
stability 12776
tissue culture 4081, 5196, 12773-12774
variety trials 10816-10817
viruses 864
yield components 7518
yield correlations 862, 6294, 7518, 10819
varieties
Edith 6291
Osanggae 6292
Río Yaqui 93 7515
Sesbania rostrata
gene expression
leghaemoglobin 445
nodulins 3691
Sesbania sesban
multivariate analysis
morphology 448
yield components 447

Sesbania sesban *cont.*
taxonomy 448
Sesleria, ornamental value 11488
Sesquiterpenes, *Achillea millefolium,* genetics 8912
Sesquiterpenoids, *Pseudowintera colorata* 5463
Setaria italica
chromosome aberrations 3558
gamma radiation 3558
genetics
herbicides 4642, 8119
sethoxydim 8119
trifluralin 4642
herbicides 5859
heritability
iron 3560
seeds 3560
hybridization 9273
induced mutations 3558
interspecific hybridization 4642, 5859, 8119
protoplast culture 12343
seeds 6982
somaclonal variation, yield components 1390
stability, yield components 3559
tissue culture 2305
trifluralin 5859
yield correlations 2304, 4641
varieties
Jigu-13 4640
Jinan-8337 6981
JiTe-4 3557
Niangu-1 3556
Qingfeng 4639
Setaria nicorae, taxonomy 11390
Setaria sphacelata, heritability, seed production 6983
Setaria viridis
genetics
herbicides 4642, 8119
sethoxydim 8119
trifluralin 4642
herbicides 5859
interspecific hybridization 4642, 5859, 8119
trifluralin 5859
Setaria* × *Sorghum, intergeneric hybridization 4639
Sethoxydim
Setaria italica, genetics 8119
Setaria viridis, genetics 8119
Setosphaeria turcica
Zea mays 306
genetics 10258
Sex 11207
Abies pinsapo 10976
Actinidia chinensis 5134
Actinidia deliciosa 5134
Actinidia macrosperma 5134
Anacardium occidentale 4020, 5168
Asparagus officinalis 4988, 7304
genetic markers 10589
random amplified polymorphic DNA 10589
Atriplex canescens 11457
Benincasa hispida, germplasm releases 7344
Boehmeria nivea 12844
Cannabis sativa 10890
Carica papaya 6227
Caryophyllaceae 97
Casuarina equisetifolia 5300
Ceratonia siliqua 2725
Chondracanthus chamissoi 2008
Cryptomeria japonica 7649
Cucumis melo, genetics 1692
Cucumis sativus 5070
genetic markers 2649, 9584
genetics 9584
genotype environment interaction 2648
Cucurbita pepo, genetics 7338
Datisca glomerata, genetics 4442
Dioscorea cayenensis 11616
Dioscorea rotundata 11616
Diospyros 5157
evolution 4440
Ficus exasperata 3991
Ficus hispida 3991

Sex *cont.*
fruit crops 10640
Humulus lupulus
genetic markers 11086
random amplified polymorphic DNA 11086
Ilex aquifolium 10937
Luffa aegyptiaca 3912
Mangifera indica 801
molecular genetics 9066
mutations 4440
Pennisetum glaucum
gene mapping 1391
restriction fragment length polymorphism 1391
Pennisetum mollissimum
gene mapping 1391
restriction fragment length polymorphism 1391
Pennisetum violaceum
gene mapping 1391
restriction fragment length polymorphism 1391
Salix viminalis 7628
Secale cereale, recombination 1344
selection 4434
Silene latifolia
gene expression 12000
gene mapping 7671
natural selection 1062
nucleotide sequences 12000
Silene pratensis, genetics 12987
Taxus brevifolia 7650, 10986
Thymelaea hirsuta 1988
Trifolium repens, natural selection 10378
Zamia integrifolia 1034
Sex linkage, *Actinidia chinensis,* genetics 12679
Sexual reproduction 10008
Agaricus bisporus 3134
Allium cepa, random amplified polymorphic DNA 7267
Allium vineale 569
Alstroemeria 3079
Banksia 3026
books 11112
Brassicaceae 5585
Bromus catharticus 3666
Erica andevalensis 11987
Foeniculum vulgare 5465
forest trees, mathematics 4160
Ipomopsis aggregata 12986
Juglans regia 7430
Lentinula edodes 7749
mathematics 7860
Medicago, genetic markers 12414
Mimulus guttatus 12988
Mimulus micranthus 12988
Pennisetum glaucum 10280
Poa pratensis, genetic markers 12414
Populus tremuloides 10916
Rosa 12927
statistics 9070
Tectona grandis 10936
Shade
Glycine max 11529
Hedera 6421
mutations 9936
natural selection 9936
Oryza sativa 2339, 7030, 10310
artificial selection 366
cytoplasmic inheritance 5901
somaclonal variation 5926
Shape, *Lycopersicon,* gene location 1655
Shedding
Arabidopsis thaliana 2737
Brassica juncea 2737
genetics 7459
heritability 7459
Brassica napus
rape 2737
gene expression 4032
genetic transformation 4032
Euphorbia lagascae, induced mutations 5207
Glycine max
epistasis 7142
genetic markers 7142
heritability 7142
Lotus corniculatus 1475
Sesamum indicum 10818
Shedding *cont.*
Triticum, genetics 7950
Sideritis
chromosome morphology 11900
chromosome number 11900
interspecific hybridization 11900
Silage
Sorghum bicolor 2293, 5853
Sorghum sudanense 5853
Zea mays 3492, 3494, 4586, 6901, 6906, 6939, 9248, 12307
Silene latifolia
gene expression
flowers 12000
pollen 11020
sex 12000
gene mapping, sex 7671
natural selection, sex 1062
nucleotide sequences
flowers 12000
pollen 11020
sex 12000
Silene pratensis
genetics
development 12987
sex 12987
Silene vulgaris
ecotypes 12989
pollination 12989
seed production 12989
Silicon, *Oryza sativa* 11433
Silver nitrate, *Cucumis sativus* 5070
Silver thiosulfate, *Cucumis sativus* 5070
Simmondsia chinensis
artificial selection, salinity 5212
breeding 5199
chilling requirement 5199
computer programming 5206
mathematics 5206
dormancy
computer programming 5206
mathematics 5206
fatty acids 5200
random amplified polymorphic DNA 5203
restriction fragment length polymorphism 5203
rooting capacity 5200, 5208
tissue culture 5208-5209
variety trials 5200-5201
Sinapic acid, *Arabidopsis thaliana,* mutations 9012
Sinapis, photosynthesis 578
Sinapis alba
chloroplast genetics 10780
gene expression
development 12739
inflorescences 12739
Heterodera schachtii 2751
nucleotide sequences
development 12739
inflorescences 12739
phytic acid 6249
protoplast culture 7484
random amplified polymorphic DNA 1795
self pollination 8585
trypsin inhibitors 6249
variety trials 6673, 10017
varieties 6674, 10018
Sinapis arvensis
genetic resources 2750
glucosinolates 5183
Pratylenchus penetrans 5183
Xiphinema americanum 5183
Sinapis nigra *(see Brassica nigra)*
Sinapis* × *Brassica, intergeneric hybridization 1769, 6243, 7445, 8422
Sinapis* (×) *Brassica, protoplast fusion 1613, 8561, 11634
Sinocalamus latiflora
anther culture 4321
haploidy 4321
Sipha elegans, *Triticum aestivum* 9160
Sister chromatid exchange
Allium cepa 6106
Hordeum vulgare 11310
Sitobion akebiae, *Hordeum vulgare,* gene mapping 8047
Sitobion avenae
triticale 10136
Sitobion avenae *cont.*
Triticum aestivum 10097
Triticum monococcum 186
Sitodiplosis mosellana, *Triticum aestivum* 9162
Sitona hispidulus, *Medicago sativa* 430
Sitophilus granarius, *Oryza sativa,* genetic transformation 8182
Sitophilus oryzae, *Sorghum bicolor* 4635-4636
Sitophilus zeamais, *Zea mays* 6949
Sitotroga cerealella
Oryza sativa 12407
Sorghum bicolor 4636
Triticum aestivum 1302
Zea mays 1381
Size
Arabidopsis thaliana
genetic transformation 9981
mutations 11180
Avena sativa, mutations 1339
Pennisetum glaucum 10280
Slovakia, Research Institute of Plant Production Piešt'any, reports 6558
Small fruits
genetic transformation
diseases 3962
insects 3962
Snow, *Pisum sativum* 598
Snow moulds
cereals 4529
Triticum aestivum 4529, 5645
Zea mays 4529
Sodium
Arabidopsis thaliana, mutations 9046
Helianthus annuus 10796
Sodium azide
Brassica napus, rape 12737
Cajanus cajan 9467
Helianthus annuus 12743
Hordeum vulgare 5667, 6785
Macroptilium atropurpureum 8246
Oryza sativa 10318
Phaseolus vulgaris 8303
Vigna mungo 525
Sogatella furcifera
Oryza latifolia 3635
Oryza sativa 4740, 5945, 11446
Soil compaction
Gossypium hirsutum 8737
Sorghum bicolor, combining ability 5854
Zea mays 3497
Soil pH
Brassica juncea 8581
Erica 4227
fodder legumes, reviews 3650
fodder plants, artificial selection 112
grain legumes 450
Hordeum vulgare 3383
techniques 10118
Leucospermum 6441
Lupinus 1471
Oryza sativa, artificial selection 112, 384
Phalaris aquatica
artificial selection 422
backcrossing 422
Phalaris arundinacea
artificial selection 422
backcrossing 422
Pieris 4227
Rhododendron 1923
Sorghum bicolor 4631
artificial selection 112
triticale 6891
Triticum aestivum 164, 6751
Triticum durum 164, 3349
Zea mays 2278, 2280-2281, 3446, 3498, 3516, 10256, 11328
artificial selection 112, 302, 3512
Soil toxicity
Acer pseudoplatanus 1894
fodder legumes, reviews 3650
Glycine max 7871
Triticum aestivum 7871
Zea mays 4598
Soil types
Cajanus cajan 3774
Fagus sylvatica 10911
Zea mays 9248
Soil water
Camellia sinensis 9709

Soil water *cont.*
Zea mays, artificial selection 3517
Soja *(see Glycine)*
Solanaceae
cytotaxonomy 12201
evolution 3265
genetics, self incompatibility 9065
molecular genetics, self incompatibility 3262
self incompatibility 3265
Solanidine glucosyltransferase
Solanum tuberosum
gene expression 6082
nucleotide sequences 6082
Solanum
backcrossing
Meloidogyne chitwoodi 12556
Meloidogyne fallax 12556
chromosome pairing, *in situ* hybridization 1566
diploidy 537
Erwinia carotovora 10543
Fusarium 2594
genetic markers, isoenzymes 7324
genetic resources 4897
genotype environment interaction 537
interspecific hybridization 8373, 12556
Leptinotarsa decemlineata 10547
Meloidogyne 8390
Meloidogyne fallax 4927
Meloidogyne hapla 4927
Meloidogyne incognita 590
protoplast fusion 8373
Ralstonia solanacearum 2594
restriction fragment length polymorphism 8371
taxonomy 4452
tuberous species (*see also* under individual species)
calcium 3800
chloroplast genetics, taxonomy 12551
cold resistance 2501, 3800
cryopreservation 4915
databases 6079
flowers 6089
genetic resources, history 7214
genetics, *Meloidogyne* 8389
geography 6094
insects 6094
Meloidogyne 4926
nutrients 3800
taxonomy 6089
Verticillium 2594
Solanum acaule, interspecific hybridization 8374
Solanum berthaultii
gene expression
development 12176
glutamic acid 6085
pollen 6085, 12176
genetic markers, *Leptinotarsa decemlineata* 1582
interspecific hybridization 1582
nucleotide sequences
glutamic acid 6085
pollen 6085
Solanum brevidens
genetic transformation, proteinase inhibitors 2488
protoplast culture 2498
protoplast fusion 2499
Solanum bulbocastanum
interspecific hybridization 11597
protoplast culture 2498
protoplast fusion 2499, 11597
Solanum carolinense
natural selection, self incompatibility 6531
nucleotide sequences
evolution 98
self incompatibility 98
Solanum chacoense
alkaloids 6095
anther culture 8376
artificial selection
tubers 2492
unreduced gametes 2492
yields 2492
cold resistance 7227
fertility 7227
gene mapping 533
Solanum chacoense *cont.*
genetics, regenerative ability 6087
glycoalkaloids 4928
haploidy 8376
heritability, regenerative ability 6087
interspecific hybridization 2492, 7227, 10540
Leptinotarsa decemlineata 4928, 6095
polyploidy 6095
random amplified polymorphic DNA, evolution 10540
restriction fragment length polymorphism 533
evolution 10540
Solanum circaeifolium
interspecific hybridization 11597
protoplast fusion 11597
Solanum commersonii
interspecific hybridization 8374, 10543
protoplast fusion 10543
Solanum demissum
gene expression, tubers 6086
nucleotide sequences
repetitive DNA 12545
satellite DNA 12545
tubers 6086
protoplast culture 2498
Solanum fendleri
gene banks 12537-12538
random amplified polymorphic DNA 12538
restriction fragment length polymorphism 12537
Solanum goniocalyx, taxonomy 545
Solanum gourlayi, interspecific hybridization 8374
Solanum hjertingii
catechol oxidase 9501
plant disorders 9501
Solanum incanum, Leucinodes orbonalis 9572
Solanum jamesii
gene banks 12537-12538
random amplified polymorphic DNA 12538
restriction fragment length polymorphism 12537
Solanum khasianum
gamma radiation 11062
genetic variance, yield components 11062
heritability, yield components 11062
induced mutations, yield components 11062
Solanum laciniatum, heritability, yield components 8913
Solanum macrocarpon
Asphondylia 2596
Leucinodes orbonalis 2596, 9572
Solanum melongena
anther culture 3887
combining ability, yield components 3888, 8447
Corticium rolfsii 625
drought resistance 2593
fruits 12615
Fusarium 2594
genetic distance, yield components 1675
genetic markers, isoenzymes 7324
genetic resources 5047
genetic transformation
Bacillus thuringiensis 10611, 12616
Leptinotarsa decemlineata 10611, 12616
genetic variance, yield components 1673
haploidy 3887
heritability, yield components 1673-1674, 1676
hybrid varieties 7323, 10608, 12615
Leucinodes orbonalis 626, 3889, 9572
Meloidogyne javanica 2561
multivariate analysis, yield components 5048
Phytophthora nicotianae 10609-10610
plant composition 12617
pollen germination 5049
protoplast culture 624
quality 1677
Ralstonia solanacearum 2594-2595
storage 1677
tissue culture 5049
Solanum melongena *cont.*
variety trials 623
Verticillium dahliae 7325
yield correlations 1674
varieties
Huaqie-1 7323
Jiqie-2 10608
Verticillium 2594
Solanum microdontum
interspecific hybridization 10540, 12546
protoplast fusion 12546
random amplified polymorphic DNA, evolution 10540
restriction fragment length polymorphism, evolution 10540
Solanum mozinianum
domestication 5588
taxonomy 11605
Solanum multidissectum, interspecific hybridization 10543
Solanum muricatum
archaeology 6230
plant introduction 6230
restriction fragment length polymorphism, evolution 6229
Solanum nigrum
chromosome aberrations 3111
mutagens 3111
polyploidy 3111
sulfur dioxide 3111
Solanum phureja
diploidy 538
flowering 538
gene expression
injuries 3290
Phytophthora infestans 12552
proteinase inhibitors 3290
genetic markers, *Phytophthora infestans* 12552
haploidy 538
interspecific hybridization 538, 1558, 4906-4907
irrigation 546
mutations
abscisic acid 3290
growth regulators 3290
paternal effects, haploidy 4906
protoplast culture 2498
true seeds 7224
tubers 7224
Solanum sanctae-rosae
cold resistance 7227
fertility 7227
interspecific hybridization 7227
Solanum sessiliflorum
fruits 4011
genetic resources, multivariate analysis 8538
multivariate analysis 4011
quality 4011
Solanum sisymbriifolium
genetic transformation 8370
induced mutations, streptomycin 8370
N-methyl-*N*-nitrosourea 8370
mutagens 8370
Solanum spegazzinii
interspecific hybridization 8371, 12546
protoplast fusion 12546
Solanum tabanoense, restriction fragment length polymorphism, evolution 6229
Solanum tarijense, interspecific hybridization 10543
Solanum tuberosum
amplified fragment length polymorphism 8368, 12542
potato X potexvirus 12554-12555
anther culture 1570, 3791
Aphis gossypii 2504
artificial selection 4914, 11591, 12539
Empoasca fabae 8391
Globodera rostochiensis 548
height 3783
potato S carlavirus 552
potato Y potyvirus 548, 553
starch 2023
tubers 2492, 10534
unreduced gametes 2492
yields 2492, 3783
backcrossing
Meloidogyne chitwoodi 12556
Meloidogyne fallax 12556

Solanum tuberosum *cont.*
- betaine 4919
- breeding 527, 1559-1562, 2484, 3784, 7213, 12536
  - history 6078
- catechol oxidase 9501
- cell culture 3792
- chlorophyll 11606
- cold resistance 2501, 4919, 7227
- colour 10539
- combining ability
  - *Phoma exigua* 4920
  - unreduced gametes 4907
  - yield components 9505
- cryopreservation 6088, 10523
- 2,4-D 1570
- diploidy 538
- diseases 4908
- DNA fingerprinting, variety classification 10530
- drought resistance 6678, 11606
- dry matter 1573
- *Erwinia carotovora* 3801, 6092, 9510, 10542
- *Erwinia chrysanthemi* 6092
- ethyl methanesulfonate 7221
- experimental design 2486, 3783
- fertility 7227
- flowering 538
- *Fusarium* 3801
- gamma radiation 7221, 12549
- gene banks 11592
- gene expression 104, 8372
  - abscisic acid 8383
  - alcohol dehydrogenase 10531
  - calmodulin 2494
  - β-casein 11595
  - chitinase 6091
  - cold 8385, 9508
  - cytosolic phosphorylase 12547
  - drought resistance 8384
  - flavanone-3-hydroxylase 4909
  - flavonol synthase 4909
  - fumarate hydratase 6081
  - β-glucanase 1580
  - glucose-1-phosphate adenylyltransferase 3788, 3799
  - β-glucosidase 1580
  - growth regulators 8383
  - gynoecium 8377
  - hydroxymethylglutaryl-CoA reductase 7217
  - isopentenyltransferase 9718
  - jasmonic acid 8383
  - *Lacanobia oleracea* 6096
  - lipoxygenase 1569
  - mechanical damage 8383
  - mitochondria 4905
  - NADH dehydrogenase (ubiquinone) 1251
  - NAD(P)H-dependent oxidoreductases 8377
  - naringenin-chalcone synthase 4909
  - nutrients 8382
  - osmotin 3162
  - patatin 4910
  - pathogenesis-related proteins 3162, 9513
  - phosphates 8382
  - phosphatidate cytidylyltransferase 9500
  - phosphoenolpyruvate carboxylase 3793
  - phosphoenolpyruvate synthetase 12543
  - phosphofructokinase 7225
  - *Phytophthora infestans* 6091, 8387
  - pollen 4909
  - potato leaf roll luteovirus 7230, 7234
  - potato Y potyvirus 4924
  - protein kinase 9504
  - proteinase inhibitors 2491, 8381, 10533
  - proteins 6083
  - *Pseudomonas syringae* 6091
  - ribosomes 532
  - solanidine glucosyltransferase 6082
  - somatotropin 4903
  - starch synthase 536, 3799, 4900
  - storage 9508
  - transaldolase 3787

Solanum tuberosum *cont.*
- gene expression *cont.*
  - transposable elements 535
  - ubiquitin 8387
  - vaccines 2490
- gene mapping 3790
  - potato X potexvirus 12555
  - potato Y potyvirus 4922-4923
- genetic engineering 11596
  - cytosolic phosphorylase 12547
  - glucan branching enzyme 1564
  - glucose-1-phosphate adenylyltransferase 1564
  - osmotin 3162
  - patatin 4910
  - pathogenesis-related proteins 3162
  - reviews 8369
  - starch synthase 1564, 4900
- genetic markers 3790
  - *Leptinotarsa decemlineata* 1582
- genetic resources 3803, 6580, 7214, 8365
- genetic transformation 1565, 1568, 3789, 4904, 8366, 10529, 10537, 11596
  - amino acids 4902
  - amylose 1575
  - *Aulacorthum solani* 5429
  - β-casein 11595
  - cold 9508
  - cytokinins 8379
  - diseases 9509
  - *Erwinia carotovora* 10541
  - fructans 539, 10860, 11601
  - β-fructofuranosidase 9503
  - glucose-1-phosphate adenylyltransferase 3786, 3788, 3799
  - glycoalkaloids 11604
  - growth regulators 8379
  - isopentenyltransferase 8378, 9718
  - *Lacanobia oleracea* 6096
  - lectins 5429
  - NADH dehydrogenase 11599
  - pectate lyase 10541
  - phosphoenolpyruvate carboxylase 3793
  - phosphoenolpyruvate synthetase 12543
  - phosphofructokinase 7225
  - *Phthorimaea operculella* 7236
  - potato leaf roll luteovirus 3804, 7230, 7234-7235, 10546
  - potato spindle tuber viroid 10544
  - potato Y potyvirus 4924, 7233
  - protein kinase 9078
  - ribozymes 10544
  - somatotropin 4903
  - starch 539
  - starch synthase 3799
  - storage 9508
  - stress 9503
  - trehalose 9079
  - vaccines 2490
- genetics
  - *Phoma exigua* 4920
  - *Phytophthora infestans* 11289
  - potato A potyvirus 1579
  - potato X potexvirus 7793, 12553-12554
  - potato Y potyvirus 1579, 12553
  - unreduced gametes 6084, 7223
- *Globodera pallida* 11608
- *Globodera rostochiensis* 11607
- growth period 3794, 8380
- growth regulators 2491
- haploidy 538, 3791, 8375, 11598, 12202
- heat resistance 6678
- heavy metals 4918
- heritability
  - unreduced gametes 4907
  - yield components 3795
- heterosis, yield components 9505, 12548
- hydroponics 553, 3784
- ideotypes 8380, 10535
- *in vitro* culture 9509
- *in vitro* selection
  - cold resistance 8386
  - *Verticillium albo-atrum* 7228
- inbreeding 1558
- induced mutations 12549
  - photosynthesis 540
  - yield components 7221
- insects 1581

Solanum tuberosum *cont.*
- interspecific hybridization 538, 1558, 1582, 2492, 4906-4907, 7227, 8371, 10543, 11597, 12202, 12546, 12556
- irrigation 546
- isoenzymes 541, 2495
- jasmonic acid 2491
- lactose 1570
- leaves 6678
- *Leptinotarsa decemlineata* 8392
- light 540, 544
- mechanical damage 547
- *Meloidogyne* 8390
- microsatellites 534
- mitochondrial genetics 103-104, 2489, 8372
  - fertility 11599
- molecular genetics 4901
  - cytochromes 2460
  - UTP-glucose-1-phosphate uridylyltransferase 9502
- multiple alleles, UTP-glucose-1-phosphate uridylyltransferase 9502
- mutagens 540, 7221
- mutations
  - amylose 1575
  - meiosis 12202
- nitrogen 6090
- nomenclature 8388
- nucleotide sequences 2489
  - cold 8385, 9508
  - flavonol synthase 4909
  - fumarate hydratase 6081
  - gynoecium 8377
  - hydroxymethylglutaryl-CoA reductase 7217
  - lipoxygenase 1569
  - mitochondria 4905
  - NADH dehydrogenase (ubiquinone) 1251
  - NAD(P)H-dependent oxidoreductases 8377
  - naringenin-chalcone synthase 7218
  - nutrients 8382
  - patatin 11602
  - phosphates 8382
  - phosphatidate cytidylyltransferase 9500
  - protein kinase 9504
  - proteinase inhibitors 8381, 10533, 11602, 12544
  - proteins 6083
  - ribosomes 532
  - solanidine glucosyltransferase 6082
  - starch synthase 536, 4900
  - storage 9508
  - transaldolase 3787
- nutrients 6090
- paternal effects, haploidy 4906
- peroxidases 2495
- phosphorus 4911
- *Phytophthora infestans* 550-551, 1577, 3801-3803, 7229, 9512
- plant composition 10538
- plant disorders 9501
- plant introduction 2485, 7214
- pollen culture 544
- pollen germination 3792
- pollination 10531
- polymerase chain reaction
  - protoplast fusion 7220
  - variety classification 10530
- polymorphism, proteins 10532
- polyploidy 9505
- potato A potyvirus 4925
- potato Y potyvirus 554, 2485, 4925, 7232
- proteins 541, 11600
- protoplast fusion 2499, 10543, 11597-11598, 12546
- quality 1572-1574, 2487, 2500, 3797-3798, 4917, 7213, 9507, 10538, 11603, 12550
- *Ralstonia solanacearum* 2503
- random amplified polymorphic DNA 8367-8368
  - variety classification 541
- regenerative ability 4904
- repetitive DNA, variety classification 7219

Solanum tuberosum *cont.*
restriction fragment length polymorphism 8367
potato X potexvirus 12554
potato Y potyvirus 4922
Rhizoctonia solani 3801
salinity 2502
seed production 2496
somaclonal variation 8367
chromosome number 7222
yield components 7226
Spongospora subterranea 9511
sprouting 542, 3794, 12547
starch 4911
stomata 4912
storage 542, 4917, 11603
Streptomyces scabies 3801
Synchytrium endobioticum 549, 1576, 4921
tissue culture 542, 544, 1571, 2495, 3796, 4916, 9506, 10523, 10536-10537, 11602, 12549
tobacco etch potyvirus 7231
tomato spotted wilt tospovirus 10545
toxic substances 4918
tubers 1573, 10539, 10542, 11602, 12547
unreduced gametes 1567, 4908, 8375, 12548
variety classification 541, 10532, 11600
variety trials 1563, 2485, 2487, 2500, 4898, 6078, 6674, 7215, 10524, 11593-11594, 12540
Verticillium dahliae 12202
viruses 1578, 6093, 8388
wide hybridization 9505, 12548
yield correlations 2497, 3795, 4913-4914
yields 11594
varieties 2485, 6674, 7213, 10018
Aistės 11607
catalogues 7216, 10525
Driver 12541
EPAGRI361-Catucha 3785
Kufri Ashoka 10526
Kufri Jawahar 10527
Kufri Sutlej 10528
Méta 11607
Mirta 11607
Nida 11607
NorDonna 6080
Novita 4899
OAC Ruby Gold 530
OAC Temagami 531
Proloog 529
Remarka 529
Vilnia 11607
White Delight 9499
Solanum uniflorum, taxonomy 11605
Solanum vernei
interspecific hybridization 12546
protoplast fusion 12546
Solanum viarum
crop density 8917
polyploidy 8917
Solanum* × *Lycopersicon, intergeneric hybridization 10594
Solanum* (×) *Lycopersicon, protoplast fusion 11596, 1648, 2493
Solanum* (×) *Nicotiana, protoplast fusion 2493
Solar radiation
Arachis hypogaea 7506
Saccharum officinarum 869
Somaclonal variation
Aegilops 1273
Amorphophallus rivieri 2518
Asparagus officinalis 588
Avena nuda, yield components 4575
Begonia 6495
Boehmeria nivea 6358
crops 1242
Cydonia oblonga
iron 3942
nutrients 3942
Cynodon dactylon, Spodoptera frugiperda 5963
Daucus carota, phenylalanine ammonia-lyase 9517
Elaeis guineensis 12750
Elymus hispidus 2166
Elymus repens, chromosome pairing 2379

Somaclonal variation *cont.*
Elymus × *Triticum* 2166
Fragaria ananassa 9609
Glycine max, leaves 10411
Gossypium hirsutum
herbicides 10883
primisulfuron 10883
Helianthus annuus, chlorophyll 10790
Hyoscyamus muticus
Agrobacterium rhizogenes 9878
alkaloids 9878
Hypericum perforatum 12034
Linum usitatissimum, flax 12841
Lithospermum erythrorhizon 9880
Lycopersicon esculentum 5019, 9563
Clavibacter michiganensis 11646
quality 11643
random amplified polymorphic DNA 2579
Mentha piperita, monoterpenes 3125
Musa 2709, 7407
cell division 7406, 8518
Fusarium oxysporum 10731
height 5139, 7404
Mycosphaerella musicola 9632
ornamental plants 2999
Oryza sativa 4724, 7040, 12371
chlorophyll 4726
cold resistance 383, 12403
fertility 4726
height 4716, 4726
oxidation 5926
plant hairs 9300
salinity 5925
shade 5926
Xanthomonas oryzae 2360
Pelargonium domesticum 6438
Pennisetum purpureum 2309
Phleum pratense, regenerative ability 12432
Picea abies 5322, 12902
Picea glauca, variegation 4204
Prunus persica 9601
Ranunculus asiaticus 4279
Rauvolfia serpentina, ajmaline 5459
reviews 5587, 6622
Secale cereale, random amplified polymorphic DNA 3412
Setaria italica, yield components 1390
Solanum tuberosum 8367
chromosome number 7222
yield components 7226
Sorghum bicolor 316, 12341
Sorghum sudanense 316
Stevia rebaudiana 4104
Stylosanthes guianensis, quantitative traits 2408
Torenia fournieri
Tetranychus urticae 1961
Trialeurodes vaporariorum 1961
triticale, cytoplasmic male sterility 6850
Triticum 1273
Triticum aestivum 2166
aluminium 10077
atrazine 10098
difenzoquat 10098
gibberellic acid 10077
growth regulators 10077
height 12235
herbicides 10098
proteins 2167
Puccinia recondita 3339
quality 9133
seeds 2167
Tilletia indica 179
toxic substances 10077
yield components 9133
Ulmus hollandica 5292
Ulmus minor 5292
Ulmus pumila 5292
Vitis vinifera 12672
leaves 10702
Zea mays 9240
aluminium 11360
development 5794
leaves 5794
stems 5794
toxic substances 11360
Somatic embryogenesis 2112
Arachis 11839
Arachis hypogaea 11839

Somatic embryogenesis *cont.*
Asparagus officinalis 11637
Avena sativa 8053
Brassica oleracea, cauliflowers 7290
Camellia japonica 12924
Cocos nucifera 12752
Daucus carota 1587, 3808, 7238
gene expression 1588, 6097, 8394-8395
genetic markers 8395
nucleotide sequences 1588, 6097, 8394
Hevea brasiliensis 11915
Litchi chinensis 6226
Malus pumila 7358
Medicago sativa 425
gene expression 2400, 7102
nucleotide sequences 7102
ornamental plants 8808
Panax pseudoginseng 1993
Pelargonium hortorum 1049, 6435, 7662
Pennisetum glaucum 3565
Phlox drummondii 9841
Picea abies 5321, 12902-12903
gene expression 9802
nucleotide sequences 9802
restriction fragment length polymorphism 12904
Picea glauca, gene expression 9803
Pinus caribaea, genetic markers 12899
Pisum 8319
Pisum sativum 8319
Prunus avium 11727
Pseudotsuga menziesii, gene expression 12909
Quercus canariensis 12866
Raphanus sativus 7254
Santalum album
gene expression 8395
genetic markers 8395
Sorghum bicolor 5851
Theobroma cacao 5234
Triticum aestivum
gene expression 6739, 10057
gene location 10057
Vitis vinifera 2701
Somatic hybridization (*see* Protoplast fusion)
Somatic recombination (*see* Mitotic recombination)
Somatotropin
Solanum tuberosum
gene expression 4903
genetic transformation 4903
Sophora japonica
gene expression, lectins 7633
heterozygosity, globulins 979
nucleotide sequences, lectins 7633
Sophora moorcroftiana, chromosome morphology 977
Sorbitol
Prunus 9596
Prunus laurocerasus 11730
Sorbus, nomenclature 11683
Sorbus aucuparia
altitude 2956
ecotypes 2956
genetic variation, isoenzymes 2956
pollination 2958
Sorbus danubialis, interspecific hybridization 11682
Sorbus dolomiticola, taxonomy 11682
Sorbus sudetica, nomenclature 11684
Sorbus torminalis, interspecific hybridization 11682
Sorbus* × *Pyrus, intergeneric hybridization 3938
Sorghum
breeding 312
genetic resources 4624
genetics, rhizomes 8111
mitochondrial genetics, phylogeny 2298
random amplified polymorphic DNA, taxonomy 6962
Stenodiplosis sorghicola 9271
Sorghum bicolor
aluminium 4631, 6972, 9268
amino acids 3546, 6977
α-amylase 6965
anther culture 3547, 9266
apomixis 3540

***Sorghum bicolor* cont.**
artificial selection 12337
drought resistance 11383
soil pH 112
yield components 1386
Atherigona soccata 2302
backcrossing, *Schizaphis graminum* 322
Bipolaris sorghicola 11386
breeding 2291-2292, 4454-4456, 4621-4622, 6953, 6959
Cecidomyiidae 9270
Chilo partellus 2301, 5857
chromosome aberrations 5847
climate 12340
Colletotrichum sublineolum 4633
combining ability
Atherigona soccata 10279
forage 2297
fungi 10277
physiology 11376
plant composition 2297
soil compaction 5854
cytoplasmic male sterility 3541-3542, 9264, 10272, 12337
diseases 4622
drought resistance 4630, 4632, 8117, 9267, 11377
flowering 3544
forage 317, 1385, 3549, 8110
fungi 321, 3550, 11385
gene expression
betaine-aldehyde dehydrogenase 3535
dehydrins 9267
development 6682
inflorescences 6682
malate dehydrogenase 9833
naringenin-chalcone synthase 5856
phenylalanine ammonia-lyase 5856
phytoalexins 2300
gene location, alcohol dehydrogenase 4627
gene mapping 6959, 6961, 10029, 10271
phytochrome 9265
repetitive DNA 12338
genetic engineering, malate dehydrogenase 9833
genetic markers 6958
drought resistance 2299
height 10271
genetic resources 2290, 4455, 4629
genetic transformation 6957, 6960
genetic variance
lysine 8113
proteins 8113
sugars 8113
yield components 6966, 11379
genetics
cytoplasmic male sterility 3539
maize dwarf mosaic potyvirus 10278
photoperiodism 9265
Schizaphis graminum 322
seeds 8108
Striga 1388
sugarcane mosaic potyvirus 10278
genotype environment interaction 320, 6970
nitrogen 6971
nutrients 6971
yield components 1386
germination 8109
germplasm releases 3534
Gibberella fujikuroi 5855
Gibberella zeae 5855
growth regulators 6965
heat resistance 11382
height 3534, 11375
herbicides 5847
heritability, yield components 2295, 6966, 10273
heterosis, yield components 6967
hybrid seed production 3536, 3544, 5846, 9263
hybrid varieties 2292, 8106
insects 1387
interspecific hybridization 1383, 2123, 5846, 6962, 8111-8112, 9266
iron 8115-8116
irrigation 8117
maize stripe tenuivirus 9269
male sterility 3544

***Sorghum bicolor* cont.**
mitochondrial genetics
adenosinetriphosphatase 8107
cytoplasmic male sterility 313, 6963
molecular genetics, alcohol dehydrogenase 4627
morphology 1384
multivariate analysis, morphology 8112
mutations
hydroxycinnamic acid 111
lignin 111
photoperiodism 9265
nitrogen 3536, 3546, 6973
nitrous oxide 3537
nucleotide sequences 9087
betaine-aldehyde dehydrogenase 3535
cytochromes 5845
dehydrins 9267
development 6682
inflorescences 6682
phytochrome 9265
repetitive DNA 10270
nutrients 3536, 3546, 6973, 8115-8116, 9268
nutritive value 3549, 6969, 10276
Peregrinus maidis 3552
Peronosclerospora sorghi 4634
pests 4622
phenolic compounds 321, 3550
phosphorus 8116
photoperiodism 314, 5849
photosynthesis 11377
plant composition 318
plant introduction 4454, 4457, 4623
polymorphism
repetitive DNA 12338
variety classification 12338
polyploidy 3537
polysaccharides 11381
proteins 319, 3541
Puccinia purpurea, techniques 6976
quality 319, 5852, 6968, 8114, 11381
Ramulispora sorghicola 11386
random amplified polymorphic DNA 9262
variety classification 4628
ratooning 3543
regenerative ability 316, 5851
repetitive DNA 9087
respiration 12340
restriction fragment length polymorphism 2294, 5844, 6961
cytoplasmic male sterility 6963-6964
drought resistance 6975
Puccinia sorghi 6975
Stenodiplosis sorghicola 6975, 6978
RNA 6972
salinity 4631
Schizaphis graminum 11387
seed production 4456
seeds 321, 1384, 8109, 11386
senescence 5848
silage 2293, 5853
Sitophilus oryzae 4635-4636
Sitotroga cerealella 4636
soil pH 4631
somaclonal variation 316, 12341
somatic embryogenesis 5851
sowing date 3544, 9263
spring and winter habit 12337
sprouting 6965
stability
drought resistance 11384
yield components 11384
Stenodiplosis sorghicola 3551, 3553, 6977, 6979
stress 6973-6974, 11375
Striga asiatica 4637
Striga hermonthica 323
sugars 6977
tannins 6969, 6977
taxonomy 4629
temperature 5849
tillering 3543
tissue culture 315-316, 3545-3546, 3548, 6960, 10275
toxic substances 4631, 6972, 9268
translocation 11375
variety trials 314, 2293, 4457-4459, 4621, 4623, 4625-4626, 4632, 6954-6955, 8106, 10266-10267

***Sorghum bicolor* cont.**
water balance 320, 4630, 6973-6974
wide hybridization 12339
yield components 8110
yield correlations 2296, 5850, 6966, 10273-10274, 11378, 11380
yields 1385
zinc 6972, 8116
varieties 2123, 2292
APK1 10268
Ksheera Kranthi 10269
Millo Blanco 6956
Sorghum halepense
anther culture 9266
interspecific hybridization 1383, 8111, 9266
***Sorghum macrospermum*, interspecific hybridization 6962**
***Sorghum matarankense*, interspecific hybridization 6962**
***Sorghum nigricans*, polyembryony 3538**
***Sorghum stipoideum*, interspecific hybridization 6962**
Sorghum sudanense
hybrid seed production 5846
interspecific hybridization 2123, 5846, 8112
multivariate analysis, morphology 8112
regenerative ability 316
silage 5853
somaclonal variation 316
tissue culture 316
yield components 8110
varieties 2123
***Sorghum timorense*, interspecific hybridization 6962**
***Sorghum* × *Setaria*, intergeneric hybridization 4639**
***Sorosporium* (*see also Tolyposporium*)**
Source sink relations
Arabidopsis thaliana
gene expression 5542
nucleotide sequences 5542
Glycine max 460
mutations 11532
Oryza sativa 5902, 7031
Saccharum officinarum 2782
Trifolium repens 1463
Triticum aestivum 130, 3350-3351, 10049, 10051
Vaccinium ashei 3968
Vigna mungo 8358
Sowing
Brassica campestris 8579
Brassica carinata 8579
Brassica juncea 8579
Oryza sativa 11435
Parthenium argentatum 5277
Sowing date
Arachis hypogaea 6281
Capsicum annuum 10612
Cicer arietinum 4877
Glycine max 3699, 4836, 11527, 11538
Helianthus annuus 9681
Hibiscus cannabinus 947
Hordeum vulgare 208
Linum usitatissimum, linseed 10783
Lolium multiflorum 2377
Lolium perenne 2377, 8210
Lycopersicon esculentum 606
Phaseolus vulgaris 4857, 10459
Pseudotsuga menziesii 6412
Raphanus sativus 563
Sorghum bicolor 3544, 9263
Triticum aestivum 7934, 9144, 10065, 11272
Vigna radiata 2481
Zea mays 3502, 3520, 3526, 5807
Sowing depth, *Brassica napus*, rape 9668
Soybean mosaic potyvirus
Glycine max 9418
artificial selection 8288
genetic markers 9419
genetic transformation 9417
Soybean yellow mosaic virus, *Glycine max* 1505
Space flight
Arabidopsis thaliana 9980
cytology 5581
Nicotiana tabacum 917
Oryza sativa 11409

Spacing (*see* Crop density)
Spathiphyllum
tissue culture 3275, 6418
varieties, Gigant 3108
Speciation (*see* Evolution)
Sphaeropsis (*see also Botryosphaeria)*
Sphaerotheca fuliginea
Cucumis melo
genetic markers 2621-2622
genetics 2623
Cucumis sativus 2655
Sphaerotheca pannosa
Prunus davidiana
gene mapping 1730
random amplified polymorphic DNA 1730
Prunus persica
gene mapping 1730
random amplified polymorphic DNA 1730
Rosa 12968
Rosa hybrida, artificial selection 1052
Sphaerulina (*see also Cercospora)*
Spikelets
Triticum aestivum
genetics 2153
modifiers 2153
stability 2153
Triticum turgidum
genetics 2153
modifiers 2153
stability 2153
Zea mays, genetics 10218
Spilarctia obliqua
Corchorus 2906
Morus 788
Spinacia oleracea
air pollution 9541
chloroplast genetics 584, 3841
adenosinetriphosphatase 7296
gene expression 492, 584, 4419
adenosinetriphosphatase 3845, 7296, 10583
cysteine synthase 3846
glyceraldehyde-3-phosphate dehydrogenase 3287, 3844
(*S*)-2-hydroxy-acid oxidase 9539
membrane proteins 583
nitrite reductase 10584
phosphoserine transaminase 6124
photosynthesis 2550-2551
plastocyanins 3845
proteinases 10583
RNA helicase 9538
transketolase 3842
genetic engineering
cysteine synthase 3846
photosynthesis 2551
sucrose-phosphate synthase 8646
genetic transformation 492
growth period 9537
nucleotide sequences
adenosinetriphosphatase 10583
fructose-bisphosphatase 3843
α-glucosidase 7297
glyceraldehyde-3-phosphate dehydrogenase 3287, 3844
membrane proteins 583
phosphoserine transaminase 6124
proteinases 10583
ribulose-bisphosphate carboxylase 3843
RNA helicase 9538
sedoheptulose-bisphosphatase 3843
transketolase 3842
ozone 9541
photosynthesis 9541
protoplast culture 585
protoplasts 1639
quality 9540
tissue culture 1639, 4970
variety trials 9537
varieties
Line A 2549
Line E 2549
Spines
Copiapoa 5443
Prosopis 5298
Spiranthes hongkongensis, genetic variation, isoenzymes 9860
Spirulina platensis, molecular genetics 8933
Spodoptera exigua
Medicago sativa, genetic engineering 5596
Nicotiana tabacum, genetic engineering 5596
Spodoptera frugiperda
Cynodon dactylon, somaclonal variation 5963
Zea mays 2287, 3530
genetic transformation 11369
Spodoptera littoralis
Medicago sativa, genetic engineering 5596
Nicotiana tabacum, genetic engineering 5596, 12828
Spodoptera litura
Glycine max 1506
Nicotiana tabacum, genetic transformation 11899
Spongospora subterranea, *Solanum tuberosum* 9511
Sporamin
Ipomoea batatas
gene expression 7245, 9522
nucleotide sequences 7245, 9522
Spores, *Agaricus bisporus,* genetics 8931
Sporobolus indicus, chromosome morphology 2385
Spring and winter habit
Aegilops aucheri, genetics 188
Aegilops speltoides, genetics 188
Hordeum vulgare 1322
Linum usitatissimum, linseed 7485
Sorghum bicolor 12337
triticale 4584, 6857, 6866, 10133
Triticum aestivum 10065
genetics 133
Sprouting
Aegilops tauschii, genetics 11256
Aegilops × *Triticum,* genetics 11256
Saccharum officinarum 882
Solanum tuberosum 542, 3794, 12547
Sorghum bicolor 6965
triticale 6863, 6869, 6882
triticale × *Triticum* 3293
Triticum aestivum 9119, 10061
genetic markers 1282
genetics 7946
Triticum monococcum 3293
Spur types
Fouquieria splendens 5445
Malus pumila 3921
Squalene synthase, *Glycyrrhiza glabra,* nucleotide sequences 4292
Stability
Abelmoschus esculentus 12640
seed production 2660
Abies alba 6393
Allium cepa, yield components 3834
Arachis hypogaea, yields 6277
Arrhenatherum elatius 5970
Brassica, yields 8580
Brassica carinata, flowering 10775
Brassica juncea, flowering 10775
Brassica napus
flowering 10775
rape, flowering 10775
Capsicum annuum 2608
Chamomilla recutita, essential oils 11068
Cicer arietinum 10488
yield components 12515
computer programming 9932
Dioscorea rotundata 3821
genetics, mathematics 7854
Glycine gracilis
mathematics 10421
yield components 10421
Glycine max
mathematics 10421, 11540
oils 9404
yield components 10421
yields 9404, 10427
Glycine soja
mathematics 10421
yield components 10421
Gossypium arboreum, yield components 7604
Gossypium hirsutum 10879
statistics 10880
yield components 9768
yields 2893, 2895
Stability *cont.*
Helianthus annuus
salinity 4064
yield components 9680
Hordeum vulgare, yield components 1326, 1328
Larix decidua 2986
Lathyrus sativus
neurotoxins 9359
yield components 9359
Lespedeza cuneata, yields 3690
Macrotyloma uniflorum, yield components 11590
mathematics 12088
Medicago sativa, yield components 3679
Oryza sativa
cytoplasmic male sterility 11415
yield components 4732, 8170, 12399
yields 8168
Paspalum scrobiculatum, yield components 12429
Phaseolus vulgaris 12494
glyphosate 1521
herbicides 1521
Picea abies 6393
Pisum sativum 2462
Populus canadensis 6378
Saccharum, yield components 8658
Saccharum officinarum 10831
Secale cereale, yield components 3419
Sesamum indicum 12776
Setaria italica, yield components 3559
Sorghum bicolor
drought resistance 11384
yield components 11384
triticale 6688
mathematics 12089
Triticum aestivum 1289-1290, 6688
artificial selection 7984
development 157
habit 2153
spikelets 2153
yields 10070
Triticum durum 1290
Triticum turgidum
habit 2153
spikelets 2153
Vicia faba, genetics 12482
Vicia sativa, yields 8240
Vigna mungo, yield components 3779
Vigna radiata, yield components 2482, 9494
Zea mays 295, 1376, 6943
mathematics 277
temperature 9251
yield components 279, 3496, 3505, 8098, 10245
yields 3471, 3488-3489, 3504, 5825
Stachylidium (*see also Verticillium)*
Starch
Arabidopsis thaliana, mutations 11185
Beta vulgaris, sugarbeet, genetic engineering 4098
Cicer arietinum 4875
Fagopyrum esculentum 11453
Fagopyrum tataricum 11453
Glycine max 7152
Hordeum vulgare 12291
artificial selection 6792
mutations 207
Ipomoea batatas 3816, 12567
Manihot esculenta 559, 2510
molecular genetics 12563
molecular genetics, reviews 2056
Nicotiana sylvestris, mutations 5245
Oryza sativa 7046
mutations 11419
Pisum sativum 3757, 12506
Solanum tuberosum 4911
artificial selection 2023
genetic transformation 539
Triticum aestivum 144, 151, 11263, 12252, 12255
gene location 11270
induced mutations 10063
Triticum compactum 151
Zea mays 10239, 12326-12327
gene dosage 9220
gene expression 269, 11344
mutations 291, 9220, 12329

Starch branching enzyme
Pisum sativum, mutations 4870
Zea mays
gene expression 9187
nucleotide sequences 9187
Starch synthase
Oryza sativa
gene expression 12361
genetic engineering 12361
nucleotide sequences 10292
Solanum tuberosum
gene expression 536, 3799, 4900
genetic engineering 1564, 4900
genetic transformation 3799
nucleotide sequences 536, 4900
Triticum aestivum, mutations 12253
Zea mays
gene expression 11352
mutations 5768, 11352
Statherotis leucaspis, *Litchi chinensis* 804
Statistics
Actinidia deliciosa, breeding 5130
artificial selection 2033, 4435
Brassica napus, swedes, variety trials 1589
breeding 8956
cereals, genotype environment interaction 7877, 11229
combining ability 6593
crops, synthetic varieties 5699
diallel analysis 6594
evolution 12180
experimental design 2034, 3157-3158
gene flow 3273
gene mapping 8976
quantitative traits 3253, 3257, 12085, 12159
genetic markers 3251
quantitative traits 3247, 3254-3255
recombination 5577
genetic variance 1228, 3157-3158, 5574
genetics 92, 3252
genotype environment interaction 14
Glycine max, genotype environment interaction 8283
Gossypium hirsutum, stability 10880
heritability 1228, 4432
heterosis 6593
inbreeding 1227
linkage 2106
molecular genetics 12115
mutations 1224
Papaver somniferum
ethyl methanesulfonate 13023
induced mutations 13023
mutagens 13023
phenotypic variation 1229
Pinus contorta, artificial selection 7640
Pinus radiata
genotype environment interaction 10963
provenance trials 10963
Pinus sylvestris, artificial selection 7640
population genetics 6661, 6663, 7852, 12115
quantitative genetics 7850
restriction fragment length polymorphism 8976
Saccharum officinarum, artificial selection 8623
Salix dasyclados
biomass 2947
height 2947
Salix viminalis
biomass 2947
height 2947
sexual reproduction 9070
stress 6604
synthetic varieties 4352
variety trials 1160
books 3147
Zea mays
inbreeding depression 9183
multivariate analysis 11329
synthetic varieties 5698-5699
Stearic acid
Glycine max
genetics 6018
genotype environment interaction 2425
induced mutations 4830
Stearoyl-CoA desaturase
Glycine max
DNA hybridization 7148
polymerase chain reaction 7148
Helianthus
gene expression 9678
nucleotide sequences 9678
Helianthus annuus
gene expression 9678
nucleotide sequences 9678
Nicotiana tabacum
gene expression 1851
genetic transformation 2850
nucleotide sequences 1851
Oryza sativa
gene expression 7014
nucleotide sequences 7014
Pelargonium hortorum, nucleotide sequences 3024
Stem break, *Gerbera* 1960
Stemphylium *(see also Alternaria; Pleospora)*
Stemphylium solani, *Lycopersicon esculentum* 3881
Stemphylium vesicarium
Allium 8417
Asparagus officinalis 4997
Stems (*see also* Internodes)
Fragaria vesca, genetics 10695
Glycine max 7145
genetics 12467
mutations 9385, 12467
Lycopersicon esculentum, mutations 12604
Triticum aestivum
chromosome substitution 6728
gene location 6728
Triticum durum 6755
Vigna unguiculata, linkage 4885
Zea mays, somaclonal variation 5794
Stenchaetothrips biformis, *Oryza sativa* 8183
Steneotarsonemus spinki, *Oryza sativa* 394
Stenodiplosis sorghicola
Sorghum 9271
Sorghum bicolor 3551, 3553, 6977, 6979
restriction fragment length polymorphism 6975, 6978
Stenotaphrum secundatum, drought resistance 8225
Sterility
Arabidopsis thaliana, genetics 3216
Cicer arietinum, pleiotropy 9454
Glycine max
genetics 10402-10404, 10406
linkage 10404
mutations 10406
pleiotropy 10404
Liriodendron chinense 978
Oryza minuta 4690
Oryza sativa 4687, 4699, 11410
genetics 11413
Prunus persica, genetics 7386
Rhododendron 12921
Triticum aestivum 4484, 7933-7942, 7981, 10068, 11272
genetics 2152
heritability 7943
Vigna unguiculata
genetics 3775
mutations 3775
Sternbergia lutea
chromosome banding 11030
cytotaxonomy 11030
Sternbergia sicula
chromosome banding 11030
cytotaxonomy 11030
Steroid 5α-reductase
Arabidopsis thaliana
gene expression 9008
genetic transformation 9008
Stevia
chromosome morphology 7548
pollen 6307
taxonomy 6307
Stevia rebaudiana
breeding 5217
gamma radiation 4104
somaclonal variation 4104
Stilbene synthase
Nicotiana tabacum, genetic transformation 10699
Oryza sativa
gene expression 11443
genetic transformation 11443
Vitis vinifera
gene expression 10699
genetic engineering 11443
polymerase chain reaction 12670
repetitive DNA 12670
Stimulation, *Arabidopsis thaliana,* gene expression 5549
Stipa, taxonomy 11490
Stipa fontanesii, taxonomy 5968
Stipa krylovii, genetic variation, isoenzymes 419
Stipa magrebensis, taxonomy 11491
Stipa meridionalis, taxonomy 11491
Stolons, *Trifolium repens* 10379
Stomata
Arabidopsis thaliana, mutations 5562
Arachis hypogaea 10808
Brassica pekinensis, molecular genetics 9529
Capsicum annuum 6151
Cicer arietinum 2466
Cicer microphyllum 2466
Citrus aurantiifolia, heritability 7417
Lycopersicon esculentum 6140
Populus 5289
Saccharum officinarum 1833
Solanum tuberosum 4912
Triticum durum 2154
Vicia faba 12479
Vigna unguiculata, heritability 4886
Zea mays 5806, 11361
mutations 2264
Stone fruits
biotechnology 9588
plum pox potyvirus 669-670
pollination 10671
Storage
Acer, seeds 9926
Actinidia chinensis 10710
Actinidia deliciosa 10710
Allium cepa 4953
seeds 2121
Allium fistulosum, seeds 12198
Allium sativum 3832
Arachis hypogaea, seeds 1823, 2121, 11837
Asparagus officinalis, pollen 3848
Brassica
pollen 1605
Chinese cabbages
pollen 1605
seeds 4964, 12198
Brassica napus, rape, seeds 2121, 12730
Brassica oleracea, cauliflowers, seeds 12198
Brassica pekinensis 8420
Capsicum annuum 2606
seeds 12198
Coffea arabica, seeds 2828
Corylus colurna, seeds 6238
crops, seeds 10021
Cucumis sativus, seeds 12198
Daucus carota, seeds 2121
fodder legumes, seeds 3644
Glycine max, seeds 2431, 3710, 4823, 10408
Helianthus annuus, seeds 850, 6256
Hevea, pollen 6360
Ipomoea batatas 10562
Lactuca sativa, seeds 2121
Lilium 11037
bulbs 3087
Lilium davidii, pollen 4281
Lycopersicon esculentum 3874, 9566
combining ability 9562
genetic variance 9562
seeds 12198
Malus pumila, pollen 10644
Musa, seeds 10727
Olea europaea, pollen 4067
Oryza glaberrima, seeds 7036
Oryza sativa
pollen 331
seeds 7036
Pisum sativum, seeds 9442

Storage *cont.*
Protea, pollen 4216
Protea eximia, pollen 3027
Protea magnifica, pollen 3027
Prunus persica 8494
Raphanus sativus, pollen 1605
seeds 4350, 6566, 9926
conferences 11108
Solanum melongena 1677
Solanum tuberosum 542, 4917, 11603
gene expression 9508
genetic transformation 9508
nucleotide sequences 9508
Vaccinium corymbosum 11742
Zea mays
pollen 3437, 4596
seeds 6922
Straighthead, *Oryza sativa* 3634
Strawberry mottle virus, *Fragaria ananassa* 9612
Streptomyces scabies, Solanum tuberosum 3801
Streptomycin
Capsicum annuum, induced mutations 7330
Solanum sisymbriifolium, induced mutations 8370
Triticum aestivum 5624
Streptomycin sulfate, *Cajanus cajan* 9467
Stress
Aegilops, chromosome substitution 11282
Allium 8417
Arabidopsis thaliana
gene expression 2104, 9048
molecular genetics 8963
mutations 83
nucleotide sequences 2104
Atriplex canescens
gene expression 12416
molecular genetics 12416
Avena sativa 1263
Brassica juncea, gene expression 838
Brassica napus, rape, gene expression 838
crops, genetic engineering 6603
gene expression 4369, 9934, 11133
reviews 9933
Glycine max 467, 469, 8285
Gossypium hirsutum 2897
Hordeum vulgare 1263, 5681
Lathyrus sativus 9360
Lilium longiflorum 7697
Lycopersicon esculentum 6135
gene expression 3867
nucleotide sequences 6134
Medicago ruthenica 9341
Medicago sativa
gene expression 7106
nucleotide sequences 7106
molecular genetics 2038
Nicotiana tabacum
gene expression 838, 6333
genetic transformation 838, 9748, 9750
Oryza sativa, in vitro selection 11441
Phaseolus vulgaris 483-484
Pinus banksiana
gene expression 1901
molecular genetics 11965
Pinus sylvestris 1902
Populus tremula, gene expression 12855
Prunus
cherries 3945, 7371
plums 3945, 7371
reviews 10011
Saccharum 11853
Solanum tuberosum, genetic transformation 9503
Sorghum bicolor 6973-6974, 11375
statistics 6604
triticale, artificial selection 6890
Triticum, chromosome substitution 11282
Triticum aestivum 2149, 6720
chromosome substitution 11282
genetic markers 5599
Triticum durum 6755
Vigna mungo, in vitro culture 1555
Zea mays 6947, 11370
gene expression 3511
genetic markers 5599
in vitro selection 5828
Stress *cont.*
Zea mays cont.
molecular genetics 8963
Striga
crops, genetics 7795
Sorghum bicolor, genetics 1388
Striga asiatica, Sorghum bicolor 4637
Striga gesnerioides, Vigna unguiculata, genetics 10509
Striga hermonthica
Sorghum bicolor 323
Zea diploperennis 8105
Zea mays 5842, 11371
Stromanthe macrochlamys, chromosome number 8910
Stropharia coccinea, taxonomy 13052
Strophostyles helvolus, nomenclature 8309
Stylomecon, restriction fragment length polymorphism, phylogeny 6538
Stylosanthes
genetic markers 1477
Glomerella cingulata 4806
morphology 417
polymerase chain reaction 1477
random amplified polymorphic DNA, taxonomy 10389
taxonomy 417
varieties
CPI110361 4805
CPI92838B 4804
Primar 4804
Unica 4805
Stylosanthes guianensis
Glomerella cingulata 5994
somaclonal variation, quantitative traits 2408
Stylosanthes scabra
morphology 417
taxonomy 417
Subtropical fruits
anther culture 3289
genetic resources 1744-1746, 7403
haploidy 3289
plant introduction 1747
Succinylhomoserine lyase
Arabidopsis thaliana
gene expression 4393
nucleotide sequences 4393
Suckers, *Mentha arvensis* 4305
Sucrose
Arabidopsis thaliana
gene expression 9040
genetic engineering 9040
induced mutations 9040
Daucus carota 3807
Lycopersicon esculentum, genetics 10599
Lycopersicon pennellii, genetics 10599
Prunus 9596
Saccharum 8651
Saccharum officinarum 6299, 8652, 8654
artificial selection 12780
Vicia faba, gene expression 9426
Zea mays, mutations 275
Sucrose-phosphate synthase
Citrus
gene expression 795
nucleotide sequences 795
Oryza sativa, nucleotide sequences 8135
Saccharum officinarum
gene expression 8646
genetic transformation 8646
Spinacia oleracea, genetic engineering 8646
Sucrose synthase
Citrus, nucleotide sequences 6223
Lotus japonicus
gene expression 9356
nucleotide sequences 9356
Oryza sativa, genetics 5907
Zea mays
gene dosage 9193
gene expression 248, 1363, 11340
molecular genetics 1363
mutations 10206
Sugarcane bacilliform badnavirus, *Saccharum officinarum* 883
Sugarcane Fiji disease fijivirus, *Saccharum officinarum,* genetic transformation 8669
Sugarcane mosaic potyvirus
Panicum miliaceum, genetics 10278
Sugarcane mosaic potyvirus *cont.*
Saccharum officinarum
genetic transformation 8669
genetics 2792
Sorghum bicolor, genetics 10278
Sugars
Allium tuberosum 2528
Asparagus officinalis
gene expression 3849
nucleotide sequences 3849
Beta vulgaris, sugarbeet 7547
Cucumis melo, genetics 6156
Cyphomandra betacea 10754
Daucus carota 558, 8396
Festuca pratensis, genotype environment interaction 11479
gene expression 9943
Glycine max 11535
Gossypium hirsutum 10877
Ipomoea batatas 3816, 10562
Lycopersicon, gene mapping 12614
Prunus laurocerasus 11730
Ribes nigrum 758
Ribes rubrum 758
Saccharum officinarum 4094
Sorghum bicolor 6977
genetic variance 8113
Triticum aestivum 5645
Vicia faba
gene expression 11548
nucleotide sequences 11548
Zea mays, sweetcorn, random amplified polymorphic DNA 5816
Sulfate adenylyltransferase
Arabidopsis thaliana
gene expression 6643
nucleotide sequences 6643
Sulfur
Glycine max 12463
Saccharum officinarum 7537
Sulfur dioxide
Picea abies 1011
Solanum nigrum 3111
Superoxide dismutase
Actinidia chinensis 5134
Actinidia deliciosa 5134
Actinidia macrosperma 5134
Arabidopsis thaliana
gene expression 9748
genetic engineering 9748
Centaurea scabiosa, genetics 11023
gene expression 11134
Glycine max 8285
Helianthus annuus, genetics 12744
Ipomoea batatas
gene expression 12565
nucleotide sequences 12565
Malus, genetics 12645
Medicago sativa, genetic transformation 3680
Nicotiana plumbaginifolia
gene expression 4123
genetic engineering 4123
Nicotiana tabacum
gene expression 4123, 11885
genetic transformation 4123, 9748
Oryza sativa 3604, 7054
gene expression 7011
nucleotide sequences 7011, 9282
Zea mays 297
nucleotide sequences 249
Sutera cordata
varieties
Mauve Mist 1950
Pink Domino 1950
Swertia chirayita, yield correlations 1991
Swietenia
random amplified polymorphic DNA 2959
taxonomy 2959
Swietenia macrophylla, genetic resources 2953
Symbiosis
Ficus exasperata 3991
Ficus hispida 3991
Gossypium hirsutum 8738
Lotus japonicus, genetic markers 11510
Pisum sativum
genetics 11568
mutations 11568
Synapsis (*see* Chromosome pairing)

Synaptonemal complex 9061
Allium porrum 567, 4947
Arabidopsis thaliana, mutations 7830
Lilium longiflorum, molecular genetics 11035
reviews 4437
Secale cereale 4437
Triticum timopheevii 3312
Zea mays, mutations 4597
Synchytrium endobioticum, *Solanum tuberosum* 549, 1576, 4921
Syndesis (*see* Chromosome pairing)
Synthetic varieties
crops, statistics 5699
experimental design 4352
Medicago sativa 2393-2394, 5972
Onobrychis 2409
Salvia officinalis 8921, 8923
statistics 4352
Zea mays 232, 3431, 6903
statistics 5698-5699
Syringa
chemotaxonomy 9820
fragrance 1920
Syzygium *(see also Eugenia)*
Syzygium alternifolium, tissue culture 7724
Syzygium australe, varieties, Tiny Trev 1916
Syzygium paniculatum, varieties, Undercover 5339
T complex proteins
Cucumis sativus
gene expression 9582
nucleotide sequences 9582
Taeniatherum
genetic resources 5662
geography 5662
Tagetes, inflorescences 5407
Taihangia rupestris
development 9813
flowers 9813
Tamarindus indica
variety classification
isoenzymes 2726
peroxidases 2726
Tanacetum cinerariifolium
pyrethrins 6542
yield correlations 6542
Tanacetum vulgare, essential oils 11083
Tannins
Cicer arietinum 9456
Diospyros kaki, techniques 5158
fodder legumes
molecular genetics 3649
mutations 3649
Lotus corniculatus, artificial selection 4802
Psophocarpus tetragonolobus, induced mutations 2483
Quercus prinus 4166
Quercus velutina 4166
Sorghum bicolor 6969, 6977
Vicia faba 9425, 11549
genetic variance 11551
Taphrina deformans, *Prunus persica* 8496
Tapping, *Hevea brasiliensis* 8774
Tarsonemus talpae, *Oryza sativa* 394
Taxonomy 1245-1250, 3280, 9074
Acacia 8789, 10934
random amplified polymorphic DNA 9794
Acacia cernua 8791
Acacia colei 10933
Acacia emilioana 2951
Acacia polyphila 1889
Acer 9797
Aenhenrya agastyamalayana 12022
Aenhenrya rotundifolia 12022
Agaricus 3136
Agaricus griseovinaceus 13052
Agave tenuifolia 7611
Agrostis 4781
Albizia 982, 10943
Allium 3833, 12581
Allium altyncolicum, molecular genetics 12582
Allium anzalonei 12580
Allium daninianum 6111
Aloe 13020
Amaranthus 11455
Anchusella 11027
Angelica 4317
Taxonomy *cont.*
Angraecum chimanimaniense 1094
Arachis sylvestris 1826
Araucaria cunninghamii, nucleotide sequences 5330
Archidendron 982
Archidendropsis 982
Aristavena
chloroplast genetics 9340
DNA hybridization 9340
Aristida gypsophila 12433
Aristida pansa 12433
Artemisia 3114
Arthropogon rupestris 4780
Arundinella 4781
Asparagus hajrae 9869
Asphodelus 1088
Aster 3065
Astracantha 12452
Astragalus 2415, 10396, 11514-11515, 12452
Astragalus maniaticus 11516
Astrocaryum faranae 5308
Atractylodes, restriction fragment length polymorphism 2002
Avenella
chloroplast genetics 9340
DNA hybridization 9340
Avenula 5966
bamboos 11088
Bambusa membranacea 11091
Banksia 983, 5306, 5359
Banksia coccinia, random amplified polymorphic DNA 12925
Bauhinia clemensiorum 7616
Bauhinia lakhonensis 7616
Bauhinia wallichii 7616
Berberis orthobotrys 7665
Beta, random amplified polymorphic DNA 892
Bletia antillana 13018
Bonia 2003
books 11118
Boronia 11006
Boronia grandisepala 11006
Bothriochloa eurylemma 3670
Bothriochloa meridionalis 3670
Bothriochloa velutina 3670
Brassica 2747
Bromus elidis 7093
Bromus hordeaceus 8220, 8223
Bulbophyllum 8888, 9862, 11047, 13017
Bulbophyllum guttifilum 6511
Bulbophyllum smitinandii 8891
Calathea misantlensis 6523
Calceolaria aiseniana 13002
Calceolaria rinconada 13002
Callerya 10946
Callicarpa 9819
Camellia 6440, 9817, 11007
Campanula 8852
Canavalia 10520
Capparis muco 10755
Capsicum 4452
Carpobrotus 4290
Chamaedorea 9796
Chamaedorea binderi 6389
Chamaedorea coralliformis 6389
Cimicifuga foetida 5462
Cinnamomum brachythyrsum 9888
Cirrhopetalum 13017
Cistus 3036
Citrus, books 7756
Coccothrinax yunquensis 6388
Coffea magnistipula 6315
computer programming 7868
Corchorus 4154
Corchorus neocaledonicus 5263
Cornus peruviana 8515
Corydalis 9882, 9884
Costus osae 12039
Costus ricus 12039
Crataegus 3944
Crataegus douglasii 10670
Crocosmia 7694
Croton 1100
Cupressus 10985
Curcuma 3124
Cycas 5329
Cycas desolata 4214
Cycas lindstromii 12910
Taxonomy *cont.*
Cycas pectinata 7652
Cymbidium maguanense 9863
Cynodon dactylon 415
Cynometra carvalhoi 1893
Cypripedium calceolus 6504
Cypripedium macranthum 6504
Cytisus 2414
Dactylis glomerata 11469-11470
Dactylis metlesicsii 5952
Dahlia coccinea 8875
Dahlia pinnata 8875
Dahlia rosea 8875
Dalbergia 5305, 12888
Daphne mauritanica 3037
databases 7868
Datura 4452
Dendrobium lanyaiae 6510
Deschampsia
chloroplast genetics 9340
DNA hybridization 9340
Desmodium densum 4812
Dianthus 6481
Dioscorea 8405
Dioscorea davidsei 11617
Diospyros morenoi 12703
Diplotaxis 4086
Diskyphogyne 1976
Dolichos 9496
Drosera 8903
Drosera graomogolensis 9868
Elymus 7086
random amplified polymorphic DNA 12203
repetitive DNA 12203
restriction fragment length polymorphism 12203
Elymus calderi 8213
Entoloma olivipes 13052
Epidendrum micronocturnum 8890
Epidendrum norae 8890
Epidendrum tumuc-humaciense 8890
Eragrostis 8221
Eragrostis aegyptiaca 5969
Eragrostis curvula 7094
Eragrostis dayanandanii 12434
Eragrostis rivalis 5969
Erica roseoloba 5358
Erica saptouensis 5358
Erythrina 5307, 10944
Euphorbia 10991
Euphorbia astrophora 6522
Exacum 6460
Fabaceae 2414
Fagopyrum
molecular genetics 3639
restriction fragment length polymorphism 5949
Festuca 5959, 10354
Festuca akhanii 10355
Festuca arundinacea 10353
Festuca brigantina 8212
Festuca fenas 10353
Festuca pratensis 10353
Festuca rubra 3660
Festuca veneris 9333
Ficus lacunata 11954
Ficus semicordata 10715
Fragaria multicipita 2696
Ganoderma, polymerase chain reaction 4323
Gardenia 11003
genetic markers 6621
Gentiana durangensis 8855
Gentiana sagarmathae 5411
Gentianaceae 4268
Geranium 8854
Gladiolus, books 6563
Gossypium 11908
grasses 4759-4760
books 1147
Grevillea pauciflora 6439
gymnosperms, nucleotide sequences 3283, 5330
Haworthia 5448, 6524, 12031
Helictotrichon 4781, 5966
Helleborus odorus 1959
Hippophae 3992
Holothrix majubensis 1975
Hordeum 9924

Taxonomy *cont.*
Hordeum cont.
random amplified polymorphic DNA 12203
repetitive DNA 12203
restriction fragment length polymorphism 12203
Hoya 4291
Hoya verticillata 5449
Hyacinthoides paivae 1087
Hygrocybe aurantiorufa 13052
Hyoscyamus 11067
Hyoscyamus bornmulleri 11067
Ilex attenuata 8817
Ilex opaca 8817
Illicium 11077
Impatiens 7684
Impatiens kilimanjari 12999
Indigofera 9365
Indocalamus confertus 9899
Inga albicoria 5304
Inga mitaraka 5304
Inga nouragensis 5304
Inocybe cinnamomea 13052
Inocybe pullata 13052
Ipomoea staphylina 8400
Kadsura acsmithii 11065
Lactuca, molecular genetics 3847
Larix gmelinii
chloroplast genetics 1025
random amplified polymorphic DNA 1025
Larix kamtschatica
chloroplast genetics 1025
random amplified polymorphic DNA 1025
Larix leptolepis
chloroplast genetics 1025
random amplified polymorphic DNA 1025
Larix olgensis
chloroplast genetics 1025
random amplified polymorphic DNA 1025
Lathyrus annuus 2410
Lathyrus hierosolymitanus 2410
Lens 500, 2465
random amplified polymorphic DNA 1533
restriction fragment length polymorphism 1533
Lens tomentosus 8328
Lepanthes 11048
Lesquerella vicina 9692
Lilium 3096, 13012
Lithops 5450
Litsea 10942
Lolium 11476
multivariate analysis 5955
Lotus corniculatus 4803
Lupinus 2406
Lycopersicon 4452
Macroclinium 3102
Macroclinium confertum 3102
Macroclinium generalense 3102
Malus 1722, 6176-6177
Malvaceae 11908
Maxillaria gomeziana 3105
Meconopsis cambrica 6538
Melaleuca 13047
Melocactus violaceus 12030
Mentha canadensis 9894
Micromyrtus grandis 5357
Microtis eremaea 4287
Microtis graniticola 4287
Microtis media 4287
Millettia podocarpa 9798
Mimosa 982
Mimosa tejupilcana 10945
Monanthes
chloroplast genetics 7708
random amplified polymorphic DNA 7708
Monocladus 2003
Morus 8514
multivariate analysis 3281
Myristica 11076
Narcissus libarensis 11033
Nassella 11490
Neofinetia richardsiana 8885
Nepenthes 11056
Taxonomy *cont.*
Nephelium 4009
Neptunia 982
Neurolepis 11090
Nigritella 4286
Nothotsuga longibracteata 6415
Notopterygium 9883
Nymphaea leibergii 6525
Nymphaea tetragona 6525
Oberonia katakiana 11049
Oceanopapaver 5263
Ocimum 1120
Octomeria ffrenchiana 3104
Odontochilus rotundifolius 12022
Odontoglossum luteopurpureum 6508
Opuntia lindsayi 11780
Orchidaceae 8888, 8892, 9864, 11050, 12024
chloroplast genetics 1977
nucleotide sequences 1977
Origanum 7734
Ornithogalum 5427
Oryxis 9497
Oryza
genetic markers 4731
random amplified polymorphic DNA 7051
Paeonia 12004
Panicum nutabundum 324
Panicum sendulskyii 324
Paphiopedilum helenae 5437, 6509
Parsonsia 11066
Paspalum 10368
Passiflora loefgrenii 11781
Passiflora trialata 6231
Pelargonium 11004
books 12065
Pelargonium glabriphyllum 5410
Pelargonium tripalmatum 5409
Peperomia alwynii 9887
Perilla setoyensis 5472
Petunia 4452
Peucedanum 13027
Phalaenopsis chuxiongensis 9863
Phaseolus 7125, 7172
Phaseolus lunatus, random amplified polymorphic DNA 11557
Phyllanthus 8916
Piper curvinervium 9887
Piper dolicholstylum 9887
Piper methysticum 8920
Piper wichmannii 8920
Pleioblastus amarus 11089
Pleurothallis 3103, 11048
Pleurotus 1130
Poaceae 11462
polymerase chain reaction 6621
Polystachya anthoceros 1095
Polystachya armeniaca 1095
Polystachya valentina 1095
Populus, random amplified polymorphic DNA 6375
Potentilla tristis 5363
Prescottia tepuyensis 8889
Prosopis 7638, 8789
Prunus fructicosa 11732
Psathyrella lionella 13052
Pseudanthistiria 5967
Pseudosasa nigro-nodis 9900
Psoralea 10393
Rhododendron 7663
books 4336
Rhododendron catawbiense 5356
Rhododendron heizhugouense 9821
Rhododendron rushforthii 5355
Ribes khorasanica 10691
Rosa 1944-1945, 9824
multivariate analysis 12967
random amplified polymorphic DNA 12966
Rosa complicata 11992
Rosa gallica 11992
Rubus 2687, 3964
Rubus kuleszae 756
Saccharum, random amplified polymorphic DNA 8648
Salicaceae 10895
Salix fulvopubescens 1886
Salix taiwanalpina 1886
Salvia 12038, 13040
Sarcozona 4290
Taxonomy *cont.*
Sarracenia purpurea 12029
Schwantesia 5447
Secale 12301
Sechium 8461
Sedum copalense 5446
Sesbania sesban 448
Setaria nicorae 11390
Solanum 4452
tuberous species 6089
chloroplast genetics 12551
Solanum goniocalyx 545
Solanum mozinianum 11605
Solanum uniflorum 11605
Sorbus dolomiticola 11682
Sorghum, random amplified polymorphic DNA 6962
Sorghum bicolor 4629
Stevia 6307
Stipa 11490
Stipa fontanesii 5968
Stipa magrebensis 11491
Stipa meridionalis 11491
Stropharia coccinea 13052
Stylosanthes 417
random amplified polymorphic DNA 10389
Stylosanthes scabra 417
Swietenia 2959
Temburongia simplex 3131
Thymus 3128
Thymus lainzii 3127
Triceratostris 8893
Tripogon 4781
Triticum 9143
Tsuga 6415
Tuber
nucleotide sequences 8932
random amplified polymorphic DNA 11099
Tuber borchii, restriction fragment length polymorphism 5478, 6557
Tuber magnatum
random amplified polymorphic DNA 9901
restriction fragment length polymorphism 5478
Tuber melanosporum, restriction fragment length polymorphism 6557
Ulmus glabra 4180
Ulmus laevis 4180
Ulmus minor 4180
Urochloa decidua 324
Vaccinium cereum 8501
Vaccinium reticulatum 8501
Vaccinium vitis-idaea 2692
Valeriana arnottiana 6541
Valeriana brunoniana 6541
Valeriana hardwickii 6541
Valeriana leschenaultii 6541
Vanda brunnea 5438
Veratrum maackii 6540
Vicia 8239
Vigna 7125, 7172
Viola 3066
Viola lainzii 3066
Wahlenbergia 8852-8853
Widdringtonia nodiflora 10989
Widdringtonia whytei 10989
Wollemia nobilis 4215
Zea 10243
Zingiber gulinense 9889
Zygostates leptosepala 12023
Taxus baccata
clonal variation, vegetative propagation 11981
embryology 8803
genetic variation, isoenzymes 11983
genetics, isoenzymes 11982
linkage, isoenzymes 11982
paclitaxel 1907, 6413
polyembryony 8803
Taxus brevifolia
embryo culture 7651
sex 7650, 10986
Taxus cuspidata, paclitaxel 6413
Taxus media, paclitaxel 6413
Techniques
Acacia, chromosome morphology 11944
Ananas comosus, diseases 9640

Techniques *cont.*
Arachis hypogaea, Aspergillus parasiticus 7511
Brassica carinata, DNA 826
Brassica juncea
DNA 826
salinity 7483
Brassica napus
rape
DNA 826
fatty acids 12734
genetic transformation 7440
glucosinolates 10773, 12734
tocopherols 11810
Brassica nigra, gene mapping 9663
Brassica oleracea
Brevicoryne brassicae 1637
broccoli, variety classification 1623
cauliflowers, variety classification 1623
cell culture 9071
cereals, cytology 11228
crops, tissue culture 4445
Cucumis melo, RNA 10620
cytology 1234-1237, 12168
Dendranthema, leaves 11022
Diospyros kaki, tannins 5158
DNA 2059, 2064-2065, 4383, 6625
Eucalyptus camaldulensis, wood properties 11925
Eucalyptus globulus, wood properties 11925
genetic engineering 36
genetic transformation 4385, 5530, 7800, 9949, 9955, 11881, 12109
books 12070
genotype environment interaction 13
Glycine max
genetic transformation 6624
peroxidases 4822
Gossypium, quality 11906-11907
Gossypium barbadense, ovules 10873
Gossypium hirsutum, cold resistance 2898
gymnosperms, chromosomes 9800
Hordeum vulgare
gene expression 12283
soil pH 10118
in situ hybridization 6623
interspecific hybridization 9058
isoenzymes 8960
Lycopersicon esculentum
DNA 12599
plant composition 7317
Malus, isoenzymes 11673
Medicago sativa
DNA 3189
Sclerotinia trifoliorum 1446
microsatellites 2060
molecular genetics 5528
books 9914, 11116
Nicotiana tabacum
embryo sac 9727
gene expression 1848
genetic transformation 1848, 6612, 6624
Papaver, alkaloids 5460
Pennisetum glaucum, Sclerospora graminicola 6993
Pinus elliottii, breeding 10952
Pinus taeda, breeding 10952
Pisum sativum, genetic transformation 10464
Poa pratensis, DNA 3189
polymerase chain reaction 7800
Prosopis, chromosome morphology 11944
proteins 8960
RNA 2062
Rosa, colour 12960
Saccharum officinarum, Glomerella tucumanensis 11860
Sorghum bicolor, Puccinia purpurea 6976
temperate fruits, cytology 6170
tissue culture 2110
Triticum aestivum
genetic transformation 6700
glutenins 141, 4503, 6741
Vicia faba, pollen 12478
Vitis, fruits 5127

Techniques *cont.*
yeast artificial chromosomes 9955, 11881
Zea mays
chromosomes 10180
DNA 10179
zein 12325
Tectona grandis
genetic variance, yield components 5301
genetic variation, isoenzymes 2955, 11953
genetics 2954
multivariate analysis, quantitative traits 11953
plant introduction 2955
provenance trials 6381
sexual reproduction 10936
Tellima grandiflora, self compatibility 1058
Tellima* × *Tolmiea, intergeneric hybridization 1058
Telomeres
molecular genetics 5583
polymerase chain reaction 5583
Triticum aestivum
gene mapping 9106
restriction fragment length polymorphism 9106
Telopea speciosissima
varieties
Cardinal 8813
Fire and Brimstone 8814
Fire and Ice 8815
Fire 'n' Ice 8815
Pope's Weromba Cardinal 8813
Shade of Pale 8816
Temburongia simplex, taxonomy 3131
Temperate fruits
anther culture 3289
breeding 650
chilling requirement 1718
cytology, techniques 6170
databases 653
diseases 653
genetic resources, databases 651
haploidy 3289
pests 653
rootstocks 652
varieties 652, 7346
Temperature
Allium cepa 8413, 12583
Arachis hypogaea 7506
Avena 1340
Betula papyrifera 2928
Boehmeria nivea 12844
Brassica campestris 11808
Brassica napus
rape 1775, 11808
selection 11805
Camellia sinensis 12802
Cucumis melo 2623
Dasypyrum villosum 2384
Lycopersicon esculentum 3868, 8433
Lycopersicon peruvianum, genetics 1670
Oryza sativa 354, 356, 360, 2329, 2332, 3593, 4699-4700, 7023-7025, 8156, 11411
genetics 10307
molecular genetics 11412
Phaseolus vulgaris 6040-6041
genetics 1514
Picea abies 1904
Sorghum bicolor 5849
Triticum aestivum 7937-7938, 7948, 12249
Vicia faba 11549
Vigna unguiculata 9488
Zea mays 9218
artificial selection 9251
stability 9251
Zoysia japonica 10364
Zoysia matrella 10364
Teramnus
forage 1479
genetic resources 1479, 4807
Terpenes, *Ferula* 12050
Terpenoids
Abies 1021
Abies cephalonica 1021
Gossypium hirsutum 8721
Humulus lupulus 6550
Pinus halepensis 996
Pinus pinaster, genetic markers 991

Terpenoids *cont.*
Zanthoxylum piperitum 13038
Tetrahydrocannabinol, *Cannabis sativa* 2912
Tetranychus urticae
Dendranthema morifolium, genetic transformation 6484
Fragaria 10688
Fragaria ananassa 8508
Gossypium hirsutum 9772-9773
Pelargonium hortorum 11009
Rubus idaeus 10688
Torenia fournieri, somaclonal variation 1961
Texture, *Zea mays* 284
Thalictrum delavayi, tissue culture 9840
Thanatephorus cucumeris
Phaseolus vulgaris 1519
linkage 3739
random amplified polymorphic DNA 3739
Thapsia villosa, essential oils 2001
Thaumatin
Prunus avium
gene expression 2677
nucleotide sequences 2677
Thea *(see Camellia)*
Theaflavine, *Camellia sinensis* 12801
Theobroma cacao
biotechnology 10846
breeding 12804
combining ability, yield components 9713
compatibility 8683
Distantiella theobromae 10848
evolution 10845
fruits 10847
gene mapping 2831
genetic resources 2830, 9712, 10845
heterosis, yield components 9713
linkage 2831
multivariate analysis 9713
yield components 6316
Phytophthora palmivora 11874
random amplified polymorphic DNA 896, 2831, 12805
restriction fragment length polymorphism 10845, 12805
Sahlbergella singularis 10848, 11875
self compatibility 8684
self incompatibility 8683-8684
somatic embryogenesis 5234
tissue culture 897-898
Theobroma grandiflorum, pollination 8542
Thielaviopsis *(see also Ceratocystis)*
Thinning
Olea europaea 4068
Picea abies 4207
Thinopyrum *(see also Elymus)*
Thinopyrum* × *Elymus* × *Triticum, intergeneric hybridization 2146
Thinopyrum* × *Triticum, intergeneric hybridization 2198
Thioglucosidase
Brassica campestris
sarson 7457
turnip rape 7457
Brassica napus, rape 7457
Thionins
Arabidopsis thaliana
gene expression 9049
genetic transformation 9049
Thioredoxins
Brassica napus, rape, gene expression 1777
Glycine max
gene expression 3703
nucleotide sequences 3703
Nicotiana tabacum, genetic transformation 3703
Triticum aestivum 7919
Threshing, *Aegilops* × *Triticum,* genetics 4488
Thrips tabaci, *Brassica oleracea,* cabbages 10581
Thuja occidentalis
chromosome morphology 9806
varieties, Star-Struck 6422
Thuja plicata
chromosome morphology 9806
varieties, Irish Gold 6423

***Thymelaea hirsuta*,** sex 1988
Thymidylate synthase
Daucus carota
gene expression 7237
nucleotide sequences 7237
Thymol, *Thymus vulgaris, in vitro* selection 7732
Thymus
chromosome number 12043
hybridization 3128
taxonomy 3128
***Thymus lainzii*,** taxonomy 3127
Thymus vulgaris
genetic variation, isoenzymes 7729
in vitro selection, thymol 7732
population genetics 7729
***Thymus zygioides*,** essential oils 4308
***Thysanophora*,** *Abies sibirica* 1906
***Thysanoptera*,** triticale 10136
***Tiarella cordifolia*,** varieties, Dunvegan 4250
Tilia cordata
genetic resources 976
nomenclature 8795
Tilia platyphyllos
genetic resources 976
nomenclature 8795
Tillage
Glycine max 7155
Zea mays 3506
Tillering
grasses 8198
Hordeum vulgare 8024
Oryza sativa 12378
Panicum virgatum, genotype environment interaction 11388
Pennisetum glaucum 3566
Phalaris aquatica 10365
Sorghum bicolor 3543
Zea mays, induced mutations 10221
***Tilletia barclayana*,** *Oryza sativa* 5932, 8176
Tilletia controversa
Hordeum vulgare, gene location 4465
Hordeum × *Triticum*, chromosome addition 4465
Tilletia indica
Agropyron × *Triticum* 8000
Triticum aestivum 8000
genetics 11293
somaclonal variation 179
Triticum durum 8000
***Tilletia laevis*,** *Triticum aestivum*, genetics 10089
Tilletia tritici
Hordeum × *Triticum* 4464
Triticum aestivum, genetics 10089
Tissue culture 11211
Abies alba 12907
Abies nordmanniana 11973
Acacia catechu 974
Acacia mangium 1888
Acacia nilotica 975
Acacia tortilis 2950
Acampe praemorsa 11044
Acer platanoides 6386
Acer pseudoplatanus 1894
Acmella oppositifolia 3115
Actinidia 5135
Actinidia deliciosa 3988, 6209, 12681
Aegilops × *Triticum*, nucleocytoplasmic interaction 12248
Aeschynomene 1480
Agave pacifica 2856
Agave victoria-reginae 1982
Allium 4952
Allium ampeloprasum 2526
Allium cepa 571-572, 7262
Allium sativum 2527
Allium tuberosum 10570
Alstroemeria pelegrina 9854
Alstroemeria psittacina 9854
Amaranthus caudatus 12412
Amaranthus cruentus 12412
Amaranthus hybridus 12412
Amaranthus hypochondriacus 12412
Annona squamosa 4012
Anoectochilus formosanus 6533
Anogeissus rotundifolia 4186
Anthurium 3275, 6418
Anthurium scherzerianum 12998
Arabidopsis thaliana 9989
Arachis hypogaea 5192, 11840, 12766
Tissue culture *cont.*
Arbutus xalapensis 4226
Argyranthemum 6478
Artemisia absinthium 12047
Artemisia annua 4298
Asparagus densiflorus 6521
Asparagus officinalis 1642, 3852, 4990-4992, 4994, 6127-6128
Asparagus verticillatus 4297
Avena sativa 10127
Babiana 8874
Bambusa arundinacea 13050
Bauhinia vahlii 7615
Begonia gracilis 7693
Berberis trifoliata 4225
Beta vulgaris
beetroots 11622
sugarbeet 891, 6304, 7546
Bixa orellana 5474
books 9913
Bowiea volubilis 1109
Brassica campestris 11797
Brassica chinensis 1626
Brassica juncea 9673
Brassica napus 11797
rape 2743, 12733
Brassica oleracea 11797
broccoli 1627
cauliflowers 7289-7290
kale 579
Brassica parachinensis 4966
Brassica pekinensis 7291
Bunium persicum 2000
Calathea exotica 3275
Camellia japonica 3032
Camellia sinensis 894, 2825, 4105, 7550, 9710
Cannabis sativa 2910
Capsicum 5055
Capsicum annuum 633, 635, 1684, 5054, 5056, 6153, 7331
Carica papaya 7423
Carthamus tinctorius 7497, 8601
Cedrela odorata 7636
Cercis canadensis 9815
Chrysanthemum coronarium 12997
Cicer arietinum 505, 2467, 10487
Cichorium intybus 4998, 6129
Citrus 3998, 7418
Codiaeum 6418
Coffea arabica 1845, 2828, 11871
Commiphora wightii 11063
Corchorus capsularis 9775
Corchorus olitorius 9775
Costus speciosus 13034
Crinum asiaticum 3080
Crocus sativus 1115
crops 10014, 12179, 12199
techniques 4445
Croton sublyratus 7722
Cucumis melo 1695, 2619, 10621, 12628
Cucumis sativus 1711, 6167, 7342, 8456
Cuphea 11845
Cymbopogon jwarancusa 5469
Cymbopogon martinii 9897
Cymbopogon nardus 5469
Cynara scolymus 12592
Cypripedium reginae 7706
Dalbergia lanceolaria 5302
Datura fastuosa 5455
Daucus carota 1583, 2507-2508, 9516, 12558
Davidia involucrata 4187
Dendranthema morifolium 5400, 6479, 7683
Dianthus caryophyllus 6464
Dianthus chinensis 1066
Dieffenbachia 6418
Dioscorea alata 1596
Dioscorea rotundata 3820
Drosera spathulata 4299
Echinochloa colonum 4654, 6996
Elaeagnus angustifolia 5354
Elaeis guineensis 12749-12750
Eleutherococcus sieboldianus 9816
Elymus giganteus 414
Elymus × *Triticum*, nucleocytoplasmic interaction 12248
Encephalartos cycadifolius 8805
Ensete superbum 7255
Eragrostis curvula 4778
Tissue culture *cont.*
Eragrostis tef 4779
Eucalyptus 6366-6367
Eucalyptus globulus 10903
Festuca arundinacea 4770
fodder legumes 11458
Foeniculum vulgare 1996
forest trees 2925, 4157
Fragaria ananassa 763-764, 10695
Fragaria vesca 10695
Fragaria × *Potentilla* 1733
Fraxinus pennsylvanica 11942
Fritillaria ussuriensis 9853
Gentiana cerina 11025
Gentiana corymbifera 11025
Gentiana cruciata 8851
Gentiana tibetica 8851
Gerbera 6418
Glehnia littoralis 3117, 13032
Globba winitii 3275
Glycine max 465, 8278
Gmelina arborea 5303
Gossypium 942, 4142
Gossypium hirsutum 941, 10876
grasses 11458
Grateloupia dichotoma 4324
Guazuma crinita 7636
Guizotia abyssinica 4085, 6298
Gypsophila paniculata 1958
Hanabusaya asiatica 9842
Helianthus annuus 1811, 7493, 10792
combining ability 4062
Helianthus smithii 7496, 11816
Heracleum moellendorffii 9881
Hevea brasiliensis 951, 2920, 8773, 9778-9779, 9781, 12849
Hordeum vulgare 210-211, 4557, 10100, 11314, 12289
chromosome number 1317
Houttuynia cordata 3063
Humulus lupulus 1123, 6549
Humulus scandens 6549
Hyacinthus orientalis 1083
Hypoxis 8872
Hypoxis angustifolia 8873
Ipomoea batatas 560, 1593, 4937, 10560, 11613, 12566
Ixora coccinea 11000
Jacaranda mimosifolia 7636
Kniphofia pauciflora 1957
Larix decidua 5325
Larix eurolepis 5325
Lavandula angustifolia 5471
Lavandula stoechas 5468
Lens culinaris 7182
Lens ervoides 7182
Leucadendron 3030
Lilium 4282, 7695
Lilium auratum 13011
Lilium concolor 1089
Linum usitatissimum, flax 12841, 6356
Liquidambar styraciflua 10939
Lithospermum erythrorhizon 7723
Lotus corniculatus 10388
Lycopersicon esculentum 2583, 5017-5018, 8437, 8443, 9564
gene expression 3873
nucleotide sequences 3873
Lycopersicon glandulosum 8437
Lycopersicon peruvianum 8437, 9564
Lycopersicon pimpinellifolium 9564
Macrotyloma uniflorum 3782
Mallotus philippensis 7740
Malus pumila 658, 3931, 5082, 5084, 9591
Manihot esculenta 7241, 12560
Medicago orbicularis 12439
Medicago rigidula 12439
Medicago sativa 3677
heritability 11496
reviews 3676
Melaleuca alternifolia 9896
Methylobacterium mesophilicum 1243
Mimosa tenuiflora 6535
Miscanthus ogiformis 3668
Morus alba 787
Morus australis 1743
Musa 2708, 2710, 5140, 9628, 10723
Nicotiana tabacum 1859, 5247, 5249, 11890
Nigella sativa 9886

Tissue culture *cont.*
Ocimum basilicum 1984
Oenothera biennis 5399
Olea europaea 11833
Onobrychis 5995
Onobrychis viciifolia 1481, 7119, 9363
Origanum vulgare 3126, 4306
ornamental plants 2997-2998
books 3148
reviews 2996
Oryza sativa 372, 2319, 5894, 5912, 8165, 10323-10324, 10326, 11427
genetics 11429
transposable elements 2345
Panax notoginseng 7725
Papaver somniferum 1110
Passiflora foetida 5162
Paulownia 7637, 7661
Pelargonium 9810
Pelargonium hortorum 5353, 7662
Peperomia obtusifolia 8901
Perilla 1984
Petunia hybrida 12009
Phaseolus vulgaris 10452, 11552
Phoenix dactylifera, Fusarium oxysporum 8533
Picea glauca 10968, 10973
Pinellia pedatisecta 3118, 6534
Pinus elliottii 11960
Pinus halepensis 12855
Pinus strobus 5316
Pinus sylvestris 1900, 2974
Piper attenuatum 11074
Piper colubrinum 7728
Piper nigrum 6543
Pisum sativum 11566
Plantago ovata 3116
Platycerium bifurcatum 1099, 6520
Poa pratensis 404
Pogostemon cablin 1122
Populus tremula 12855
Protea repens 3031
Prunus, plums 3949
Prunus avium 8481
Prunus mume 5099
Prunus persica 751, 1728
Psophocarpus tetragonolobus 2483, 9498
Punica granatum 1755
Pyrus bretschneideri 9594
Pyrus communis 6182, 9594
Pyrus pyrifolia 9594
Quercus robur 3275, 8783, 11930
Quercus rubra 5284
Rauvolfia serpentina 1992, 5459
reviews 11209
Rhododendron 6436
Rhododendron simsii 1919
Ribes nigrum 3966, 12660
root crops 12535
Rosa 3040, 5372, 6418, 9822, 12962-12963
Rosa hybrida 1050, 1942, 3041
Rubus
blackberries 11740
raspberries 11740
Rubus fruticosus 12659
Rubus idaeus 12659
Saccharum officinarum 1835, 11856
Saintpaulia ionantha 7682
Santalum album 5470
Sapium sebiferum 6387
Secale cereale 4582
Sesamum indicum 4081, 5196, 12773-12774
Setaria italica 2305
Simmondsia chinensis 5208-5209
Solanum melongena 5049
Solanum tuberosum 542, 544, 1571, 2495, 3796, 4916, 9506, 10523, 10536-10537, 11602, 12549
Sorghum bicolor 315-316, 3545-3546, 3548, 6960, 10275
Sorghum sudanense 316
Spathiphyllum 3275, 6418
Spinacia oleracea 1639, 4970
Syzygium alternifolium 7724
techniques 2110
Thalictrum delavayi 9840
Theobroma cacao 897-898
Trifolium hybridum 433
triticale 6842, 6876

Tissue culture *cont.*
Triticum aestivum 2165, 7972, 12217, 12249
nucleocytoplasmic interaction 12248
Triticum durum 2165, 7972
Tulipa 8880
Tulipa gesneriana 6502
Ulmus hollandica 5292
Ulmus minor 5292
Ulmus pumila 5292, 11943
Vaccinium corymbosum 8500
Vaccinium myrtillus 9607
Vaccinium pahalae 9607
Valeriana edulis 13031
Vicia faba 12480
Vigna unguiculata 11579
Vitis 774, 776-777, 1739, 8511
Vitis vinifera 777, 1741, 3986, 8511, 8513
Withania somnifera 11064
Wrightia tomentosa 4185
Zea diploperennis 5810
Zea mays 296, 4606, 5790, 5830, 8095, 10230, 11355
induced mutations 10228
nucleocytoplasmic interaction 10229
Zingiber officinale 7727, 11073, 13037
Ziziphus sativa 8544
Zoysia japonica 4246
Tobacco etch potyvirus
Capsicum annuum 3897
Nicotiana tabacum, genetic transformation 12825-12826
Solanum tuberosum 7231
Tobacco leaf curl bigeminivirus, *Capsicum annuum* 5059
Tobacco mosaic tobamovirus
Capsicum 5060, 10618
Capsicum annuum 12624
genetics 628
Lycopersicon, genetic transformation 622
Lycopersicon esculentum
artificial selection 2588, 2590
genetic transformation 2853, 11139, 11648
genetics 2588-2589, 10605
Nicotiana glutinosa
gene expression 4129
nucleotide sequences 4129
Nicotiana tabacum 927, 6334
gene expression 2853-2854, 8705, 11135, 12808
genetic engineering 2853
genetic transformation 920, 2854, 11139, 11886, 12822
in vitro selection 12827
Tobacco necrosis necrovirus, *Nicotiana sylvestris* 927
Tobacco ringspot nepovirus
Arabidopsis thaliana, gene location 4430
Glycine max 11544
Tobacco vein mottling potyvirus, *Nicotiana tabacum*, genetic transformation 12825-12826
Tocopherols, *Brassica napus*, rape, techniques 11810
***Tolmiea menziesii*,** self incompatibility 1058
***Tolmiea* × *Tellima*,** intergeneric hybridization 1058
Tolyposporium penicillariae, Pennisetum glaucum 11398
Tomato Indian leaf curl bigeminivirus, *Lycopersicon* 6146
Tomato mosaic tobamovirus
Lycopersicon esculentum
backcrossing 620
genetic markers 10606
genetics 7793
molecular genetics 10606
Nicotiana tabacum
genetic transformation 1864
genetics 7793
Tomato spotted wilt tospovirus
Arachis hypogaea
gene expression 11841
genetic transformation 11841
Capsicum 4999, 6131
Capsicum chacoense 2614
Capsicum chinense 5061
genetics 8448

Tomato spotted wilt tospovirus *cont.*
Eustoma grandiflorum, genetic transformation 6465
Lycopersicon 6131
Lycopersicon esculentum 4999, 5042
genetics 618
heritability 617
Lycopersicon hirsutum 4999
Nicotiana benthamiana, genetic engineering 12823
Nicotiana tabacum, genetic transformation 6339, 7585, 9759, 10865
Solanum tuberosum 10545
Tomato yellow leaf curl bigeminivirus
Capsicum 6131
Capsicum annuum 640
Lycopersicon 6131, 6146
Lycopersicon esculentum 619, 621, 2591, 5041
genetic variance 11649
Lycopersicon hirsutum 621
genetic variance 11649
Lycopersicon peruvianum 621
Lycopersicon pimpinellifolium 621
Nicotiana benthamiana
gene expression 6338
genetic engineering 6340
genetic transformation 6338
Nicotiana tabacum
gene expression 921
genetic transformation 921
Torenia fournieri
somaclonal variation
Tetranychus urticae 1961
Trialeurodes vaporariorum 1961
Toxic soils (*see* Soil toxicity)
Toxic substances
Allium cepa 6106, 11627
Arabidopsis thaliana
gene expression 12154
mutations 12154-12155
Atropa (×) *Nicotiana* 4118
Brassica napus
rape
in vitro selection 12737
induced mutations 12737
Datura fastuosa
gene expression 1112
in vitro selection 1112
nucleotide sequences 1112
Festuca rubra 10357
fodder legumes 402
Glycine max 468, 7871
Holcus lanatus 1439
Hordeum vulgare 2224, 3383, 5681, 12292
in vitro selection 4561
Hypericum perforatum 11069
Ipomoea batatas 7247
Linum usitatissimum, linseed 1256
Lycopersicon esculentum 8443
Medicago (×) *Lotus* 428
Mentha arvensis 12045
Nicotiana 4118
Nicotiana tabacum, gene expression 4113, 7559
Oryza sativa 378, 9307
combining ability 1416
genetic variance 10336
heritability 1416
Phaseolus vulgaris 4861
Pisum sativum 7176
Salix 12882
Senna multijuga 6391
Solanum tuberosum 4918
Sorghum bicolor 4631, 6972, 9268
Trifolium pratense, in vitro selection 439
Trifolium repens 437
genetics 438
Triticum aestivum 163, 165, 3346-3347, 5642, 6751-6752, 7871, 9145-9147, 9149-9150, 10072-10073, 10075, 11276, 11278
artificial selection 10074
genetics 166
in vitro selection 4515
somaclonal variation 10077
Triticum durum 1256, 3349, 4510, 6752, 10072
Vigna radiata 10518

Toxic substances *cont.*
Zea mays 1378, 2280, 3498, 6946, 9249, 10251
genetics 11360
restriction fragment length polymorphism 4614
somaclonal variation 11360
Toxins
Avena sativa, genetics 12098
Hordeum vulgare, genetics 12098
Lycopersicon esculentum, genetics 12098
Trachystoma* (×) *Brassica, protoplast fusion 11800
Tradescantia
chromosome breakage 6519
induced mutations
peroxidases 1097
plant hairs 6519
reviews 12028
maleic hydrazide 1097
mutagens 1097
mutations, plant hairs 1098
X radiation 1097, 6519
Transaldolase
Solanum tuberosum
gene expression 3787
nucleotide sequences 3787
Transcription factors
Antirrhinum majus
gene expression 9845
nucleotide sequences 9845
Arabidopsis thaliana
gene expression 60, 3207, 5883, 9967
genetic transformation 5883
nucleotide sequences 60, 3207, 9962
gene expression 5532
Nicotiana tabacum
gene expression 6702, 10850
genetic transformation 6702
Oryza sativa
gene expression 5883, 8139, 10299
nucleotide sequences 5883, 8139, 10299
Petunia hybrida, nucleotide sequences 8857
Triticum aestivum, genetic engineering 6702
Zea mays
gene expression 6913
nucleotide sequences 250
Transfer RNA
Arabidopsis thaliana
gene expression 3205
nucleotide sequences 3205
Nicotiana tabacum
gene expression 3205
nucleotide sequences 3205
Transferases
Flaveria bidentis
gene expression 11014
molecular genetics 11014
Flaveria chloraefolia
gene expression 11014
molecular genetics 11014
Hevea brasiliensis 8768
Transgression
Prunus persica, seasonal growth 7386
Triticum aestivum
cold resistance 6723
height 6723
Transketolase
Spinacia oleracea
gene expression 3842
nucleotide sequences 3842
Translocation
Arabidopsis thaliana, mutations 9028
Arachis hypogaea 5191
Cajanus cajan 4882
Camellia sinensis 4106
genetic transformation 1252
Gossypium barbadense 936
Gossypium hirsutum 936
Hordeum spontaneum 9172
Hordeum vulgare 9172, 10114-10115
Lycopersicon esculentum 9553
molecular genetics 1252-1253
Nicotiana tabacum, genetic transformation 11886
Oryza sativa 3625, 7031, 7052
heterosis 10311
Pisum sativum, maternal effects 12502
Translocation *cont.*
Sorghum bicolor 11375
Triticum aestivum 130, 5634
Vicia faba, gene expression 9426
Zea mays 9218, 9245
Translocation, cytological (*see* Chromosome translocation)
Transpiration
Arachis hypogaea 7506, 9080
Morus 10712
Oryza sativa 381
Pennisetum glaucum 9080
Poa pratensis 11467
Saccharum officinarum 1833
Triticum aestivum, genotype environment interaction 5635
Vicia faba 12479
Transplanting, *Lycopersicon esculentum* 607-608
Transposable elements 9052
Antirrhinum majus, gene expression 8856
Arabidopsis thaliana
gene expression 7829
gene mapping 51, 7823
gene tagging 4400
genetic transformation 7829
induced mutations 7823
mitochondrial genetics 7828
molecular genetics 7825
mutations 7824
nucleotide sequences 5594, 7827
polymerase chain reaction 7827
Beta vulgaris, nucleotide sequences 5594
Brassica napus
rape
gene expression 4031
nucleotide sequences 4031
Daucus carota 9517
evolution 5589
gene expression 1192
gene mapping 4386
Hordeum vulgare
chloroplast genetics 2216
gene tagging 4549
genetic markers 6779
genetic transformation 4549
polymerase chain reaction 6779
molecular genetics 4386, 5594
Nicotiana tabacum
gene expression 911, 6333
genetic transformation 5710, 6323
molecular genetics 906
nucleotide sequences 910-911
recombination 6323
Oryza 5887
genetic markers 4731
Oryza sativa 340, 4386
genetic transformation 910
nucleotide sequences 8143
tissue culture 2345
Populus 8786
Solanum tuberosum, gene expression 535
Triticum aestivum
gene expression 4472
genetic transformation 4472
Triticum monococcum
gene expression 4472
genetic transformation 4472
Zea mays 255, 3455, 6323
chromosome translocation 5747
DNA methylation 5728, 5732
gene expression 257, 5710, 5725, 5727, 5730, 5736, 6918, 7829
genetic engineering 4549, 7829
linkage 2258
molecular genetics 246, 2249, 4591-4592, 5729, 8076, 8078-8079
mutations 4589, 5771
polymerase chain reaction 5731
recombination 5726
Treading
Festuca nigrescens 5374
Festuca rubra 5374
Lolium perenne 5374, 5956
Poa pratensis 5374
Trees, genetic resources 2924
Trehalose
Arabidopsis thaliana, genetic engineering 4426
Nicotiana tabacum, genetic transformation 4426, 9079
Trehalose *cont.*
Solanum tuberosum, genetic transformation 9079
Trehalose-phosphate synthase, *Nicotiana tabacum,* genetic transformation 9749
Trema tomentosa
gene expression, haemoglobin 9354
promoters, haemoglobin 9354
Trialeurodes abutiloneus,* *Glycine max 10441
Trialeurodes vaporariorum,* *Torenia fournieri, somaclonal variation 1961
Triceratostris, taxonomy 8893
Trichoconis (*see Alternaria*)
Trichoderma viride
Castanea sativa 5166
Nicotiana tabacum, gene expression 11895
Trichodiene synthase, *Nicotiana tabacum,* genetic transformation 4127
Trichomes (*see* Plant hairs)
Trichometasphaeria (*see Setosphaeria*)
Trichosanthes cucumerina
gamma radiation 5074
induced mutations, chromosome pairing 5074
Trichothecenes, *Zea mays* 12335
2-Tridecanone
Lycopersicon esculentum 6147
genetics 2592
heritability 2592
Lycopersicon hirsutum 6147
genetics 2592
heritability 2592
Trifluralin
Setaria italica 5859
genetics 4642
Setaria viridis 5859
genetics 4642
Zea mays 5739, 9207
Trifolium
genetic resources 431
genetic variation, isoenzymes 1460
Meloidogyne 5989
Trifolium alexandrinum
artificial selection, leaves 2402
genetic resources 1453
oils 8235
seeds 8235
Trifolium dubium
ovules 11503
pollen germination 11503
Trifolium fragiferum, varieties, Grasslands Onward 3682
Trifolium hybridum
polyploidy 433
tissue culture 433
Trifolium incarnatum
artificial selection, chloroplasts 5983
cell division 5983
Trifolium nigrescens
interspecific hybridization 10377
polyploidy 10377
Trifolium pratense
artificial selection
formononetin 11502
mathematics 8232
breeding, books 5496
climate 4757
cold resistance 4756-4757, 10375
combining ability, *Meloidogyne incognita* 5987
gene banks 7072
genetic resources 7072
genetic transformation, peanut stunt cucumovirus 10384
genetics
books 5496
Fusarium oxysporum 4793
heritability, mathematics 8232
in vitro selection
aluminium 439
toxic substances 439
latitude 4757
Meloidogyne arenaria 2404
Meloidogyne javanica 5988
ovules 8234
polyploidy 8234
random amplified polymorphic DNA, *Sclerotinia trifoliorum* 8237
Sclerotinia trifoliorum 5985

Trifolium pratense *cont.*
variety trials 10018, 10375
varieties, Formica 11502
Trifolium repens
altitude 10380
aluminium 437
artificial selection 5982
aluminium 3684
dry matter 10382
persistence 10382
roots 1462
breeding 1450, 11501
cell division 7857
chromosome morphology 7857
clonal variation 9350
competitive ability 401, 1433, 9351
crop mixtures 401, 1433, 7074, 9351, 11504
cyanogens 10380
development 11504
DNA 7857
drought resistance 436
ecotypes 1452
gene banks 2401
gene expression 1459
development 432
roots 432
gene flow 12444
genetic resources 1451-1452, 2401
genetic transformation 1459
auxins 432
genetic variation 1465
genetics 1459
aluminium 438
isocitrate dehydrogenase 5984
isoenzymes 5984
leaves 1464
toxic substances 438
genotype mixtures 9351
grazing 434, 1467, 10383
heritability, salinity 8236
Heterodera trifolii 5990, 11507
heterosis, dry matter 11505
in vitro selection, salinity 8236
inbreeding 11505
interspecific hybridization 10377
latitude 10380
leaves 435, 10379, 11506
Meloidogyne 1469
molecular genetics, insects 3685
morphology 1465
mycorrhizas 1468
natural selection
cyanogens 10378
sex 10378
nitrogen fixation 435, 1468, 11504
nucleotide sequences, β-glucuronidase 3683
nutrients 11506
nutritive value 4792
outcrossing 1461
persistence 434, 1467
phosphorus 11506
plant composition 437
pollination 12444
polyploidy 10377
Rhizobium leguminosarum 7074
roots 1463
rotations 1467
seed production 1461
source sink relations 1463
stolons 10379
toxic substances 437
variety trials 1454, 10018
vascular system 1463
water balance 436
varieties 11501
Clever Club 1456
Grasslands Challenge 1457
Grasslands Sustain 1458, 10376
Trifolium resupinatum, varieties, Sh69 12443
Trifolium stoloniferum
Meloidogyne arenaria 2404
Meloidogyne javanica 5988
Trifolium subterraneum
clover mottle sobemovirus 5986
ecotypes 10381
gene expression, naringenin-chalcone synthase 8233
Trifolium subterraneum *cont.*
genetic transformation, naringenin-chalcone synthase 8233
persistence 1466
Phytophthora clandestina 2403
varieties, Riverina 1455
Trigonella foenum-graecum
variety trials 3123
yield correlations 11071-11072
varieties, ML150 13035
Trigonelline, *Phaseolus vulgaris* 484
Trihydroxystilbene synthase
Nicotiana tabacum
gene expression 7575
genetic transformation 7575
Trillium
chromosome banding 6493
heterochromatin 6493
pollen 11032
Trillium erectum, outcrossing 12991
Trillium grandiflorum, outcrossing 12991
Tripogon, taxonomy 4781
Tripsacum
apomixis 11461
DNA methylation, evolution 1353
genetic markers, apomixis 5843
molecular genetics, phylogeny 1375
Tripsacum dactyloides
development 9261
digestibility 11374
evolution 9261
germplasm releases
apomixis 6952
polyploidy 6952
inflorescences 9261
mutations, female fertility 9210
nutritive value 11374
restriction fragment length polymorphism 10240
female fertility 9210
Tripsacum* × *Triticum
embryo culture 12206
growth regulators 12206
intergeneric hybridization 12206
Tripsacum* × *Zea
apomixis 1362
chromosome addition 1362
apomixis 4599
genetics, *Diabrotica virgifera* 5837
intergeneric hybridization 1362, 4599-4600, 5837, 9210, 10164
mutations, female fertility 9210
restriction fragment length polymorphism 10164
female fertility 9210
Trisetum
chemotaxonomy 8222
phenolic compounds 8222
Triticale
aluminium 6689, 6891-6895
anther culture 6861, 6874-6875, 11326, 12305
artificial selection
height 5696, 6860
lodging 5696
male sterility 6851
stress 6890
awns 6869
backcrossing, male sterility 11324
barley yellow dwarf luteovirus 6896
breeding 228, 6805-6813, 6815, 6817-6818, 6820-6822, 6828-6829, 6838
books 7757
chromosome aberrations 6844
chromosome addition, polysaccharides 6879
chromosome banding 6843
chromosome pairing 11325
chromosome substitution
isoenzymes 6858
prolamins 6858
quality 6881
chromosome translocation 2237, 6818
nucleolus organizer 6847
cold resistance 7878
combining ability
quality 6880
yield components 6871, 6873
cutting 4584
cytology, reviews 6846
cytoplasmic male sterility 6852
Triticale *cont.*
Diuraphis noxia 2130
embryo culture 6877, 9182
ethyl methanesulfonate 8065
fluorescence *in situ* hybridization 6834, 10025
forage 6857, 6861-6862, 6864, 6870, 6884, 10133
Fusarium 6899
gamma radiation 108, 8065
gene banks 6814, 6816
gene location, isoenzymes 8064
gene mapping 10025
genetic markers, isoenzymes 8064
genetic resources 6819
genetic transformation 6832, 10025
genetic variation, isoenzymes 6867
genetics 8062
Leptosphaeria nodorum 6900
genotype environment interaction
nutrients 11327
phosphorus 11327
phytic acid 11327
quality 6827, 6883, 6885-6886
yield components 6823, 6827
Gibberella zeae 6897
haploidy 11326
heritability
nitrogen 8066
nutrients 8066
quality 6880, 6886
yield components 12304
hydroxamic acids 2130
hypoxia 6685
in situ hybridization, nucleolus organizer 6833
in vitro selection
aluminium 6889
Fusarium culmorum 6878
Gibberella zeae 6878
induced mutations 108
chlorophyll 8065
Lema 10136
Leptosphaeria avenaria 3295
Leptosphaeria nodorum 10135
mitochondrial genetics, cytoplasmic male sterility 6850
Monographella nivalis 6898
multivariate analysis, yield components 2239, 6872
mutagens 8065
Mycosphaerella graminicola 3295
nitrogen 6887, 10134
nuclei 6842
nucleolus organizer 6845
nutrients 6887, 10134
outcrossing 6853
photosynthesis 5695
plant pigments 5695
polyploidy 6849
Pratylenchus neglectus 6691
prolamins 6859
Puccinia 6898
quality 2240, 6882, 6884, 8062
ratooning 10133
salinity 6888
Sitobion avenae 10136
soil pH 6891
somaclonal variation, cytoplasmic male sterility 6850
spring and winter habit 4584, 6857, 6866, 10133
sprouting 6863, 6869, 6882
stability 6688
mathematics 12089
Thysanoptera 10136
tissue culture 6842, 6876
Typhula ishikariensis 6896, 7878
variety trials 6673, 6824-6826, 6870, 8063, 10017
wide hybridization 6849
yield correlations 2238-2239, 12304
varieties 7872
AC Alta 6830
AC Certa 6831
Lamb-2 6829
Triticale × ***Aegilops,*** intergeneric hybridization 6837
Triticale × ***Elymus*** × ***Triticum,*** intergeneric hybridization 4469

Triticale × ***Hordeum*** × ***Triticum***, intergeneric hybridization 6835
Triticale × ***Secale***
intergeneric hybridization 299, 3294, 6848
quality 3294
Triticale × ***Triticum***
backcrossing, yield components 12303
gene location, *Diuraphis noxia* 1265
genetics
Diuraphis noxia 1265
height 6868
heritability, yield components 7876
intergeneric hybridization 1265, 3293, 6868, 6874, 7874, 7876, 11230, 12303
nutrients 7876, 11230
phosphorus 7876, 11230
sprouting 3293
Triticale × ***Zea***, intergeneric hybridization 6840
Triticeae
chloroplast genetics, phylogeny 7875
Erysiphe graminis 1264
fluorescence *in situ* hybridization, chromosomes 10027
gene mapping 10028
Gibberella zeae 11465
intergeneric hybridization 3292
interspecific hybridization 3292
molecular genetics, phylogeny 7875
Triticum *(see also Aegilops)*
allergens 1283
archaeology 9141
artificial selection, drought resistance 4491
chloroplast genetics, phylogeny 5661
chromosome banding 12225
chromosome number 4478
chromosome pairing 4478
chromosome substitution
proteins 4501
quality 4501
stress 11282
cytoplasmic inheritance 5613
DNA hybridization 9105
domestication 10032
embryo culture 9132
gene mapping 7924
genetic markers 7924
genetic resources 9100, 9131
conferences 9911
genetic variation, isoenzymes 6727
genetics
Erysiphe graminis 4533, 10082
glumes 7950
glutenins 7973
hybrid necrosis 183
Puccinia recondita 10082
Puccinia striiformis 10093
shedding 7950
Gibberella zeae 7992
heritability, drought resistance 4491
intergeneric hybridization 12225
interspecific hybridization 5613, 7950, 12225
isoenzymes 7951
Leptosphaeria avenaria 3295
mitochondrial genetics 1273
phylogeny 5661
multivariate analysis, yield components 9131
Mycosphaerella graminicola 3295
peroxidases 7951
photosynthesis 10054
polyploidy 10054
proteins 1283
repetitive DNA 7924
somaclonal variation 1273
taxonomy 9143
Triticum aestivum
abscisic acid 4513, 10071
accessory chromosomes 11243
acetyldeoxynivalenols 2194
agronomy 6746
Alternaria alternata 6759, 10079
Alternaria triticina 6761
aluminium 163, 165, 3346-3347, 5642, 6689, 6751-6752, 6756, 7871, 9145-9147, 9149-9150, 10073, 10075, 11276, 11278
Triticum aestivum *cont.*
amylose 4471
anatomy 135
aneuploidy 9115
height 5626
anther culture 2163, 3317, 3340, 4494, 6717, 6738, 7969-7971, 10058
anthers 6720
antibiotics 1279
antibodies 7919
Aphididae 5659
artificial selection
aluminium 10074
chlorosis 4508
Cochliobolus sativus 9156
cold resistance 4518
development 5632
Gibberella zeae 5644, 11287
height 9124
proteins 7949, 11264
Puccinia recondita 11298
quality 11264
seeds 7949
stability 7984
toxic substances 10074
Ustilago segetum 7999
yield components 2156, 2184, 3325, 5632, 6694, 7886, 11235
yields 3337, 5602, 7949, 9124
backcrossing
glutenins 5641
quality 5641
yield components 6724
barley yellow dwarf luteovirus 2201
boron 4484, 7934-7936, 7938-7939, 7981, 10068, 11272, 12233
breeding 113, 1281, 3297, 4466, 4468, 6767, 7884, 12214
history 5601
cadmium 10072
carbon 5654
Cephus cinctus 7915
chlormequat 2155
chlorophyll 2131, 5625
chloroplast genetics, photosynthesis 5627
chromosome aberrations 124, 6714
chromosome addition 2147, 11243
Erysiphe graminis 3386
growth period 12226, 12237
photoperiodism 12237
vernalization 12237
chromosome banding 11244
chromosome breakage 4480
chromosome substitution 123, 133, 1294, 11246
amylose 3333
cold resistance 4514
drought resistance 4514
growth period 11227
hydroxamic acids 11251
stems 6728
stress 11282
yield components 7967
chromosome translocation 124, 150, 2144, 2237, 5620, 9058, 10044, 11245
catalogues 5621
copper 156
Erysiphe graminis 174, 3361, 10083
gliadin 3361
glutenins 12258
Heterodera avenae 185
nutrients 156, 12212
Puccinia recondita 174, 2198, 10083, 12276
Puccinia striiformis 8004
quality 12258
reviews 1297
zinc 12212
chromosome transmission, *Erysiphe graminis* 6764
cleistogamy 12228
Cochliobolus sativus 3357
cold resistance 1293, 3356, 4513, 4516-4517, 4519, 4523, 4529-4530, 7878, 7987, 9148, 11281
colour 3331
combining ability
chlorophyll 5628
Cochliobolus sativus 7997
development 7958
Triticum aestivum *cont.*
combining ability *cont.*
growth period 7947
harvest index 7958, 10055
height 11255
internodes 11255
nutrients 2181, 4507
phosphorus 2181, 4507
photosynthesis 5628
quality 146, 2168, 9138
salinity 9129
yield components 138, 2168, 3334-3336, 6733, 6735-6736, 7956, 7961, 7963, 9129, 12245
competitive ability 3345, 4539-4540
computer programming 114
cytokinins 5625
cytoplasmic inheritance 5613
cytoplasmic male sterility 1275, 3319, 5623, 6246, 9118, 10062, 12229, 12231-12232
databases 114
defoliation 10049
deletions 4480
Deroceras reticulatum 2203
development 126, 136, 1281, 4484-4485, 6722, 9120, 9125, 10047, 11248, 12232, 12250
digestibility 110
diseases 6758, 7989
Diuraphis noxia 2130-2131, 2205, 8008
DNA 4482
DNA fingerprinting 1274, 12220
drought resistance 1295-1296, 2185-2188, 3350-3351, 3353, 3356, 4486, 4520, 5514, 6757, 7985, 7988, 10071, 10078, 11279-11280, 12274
embryo culture 140, 9182
reviews 5639
endosperm 144, 12250
enzymes 3346
epistasis
drought resistance 2189
yield components 2162, 5636, 7954-7955, 11257
Erysiphe graminis 3356, 3359, 6763, 10085-10086
ethephon 2155
ethyl methanesulfonate 10063
ethylene 11274
evolution 2137
experimental design 1257
flooding 7986
flowering 12228
fluorescence *in situ* hybridization 2142, 10025
fructans 5645
fungi 11285
Fusarium 10080
Fusarium culmorum 2191, 2194-2195, 4524, 5646, 10084, 11284
Fusarium oxysporum 4526
Fusarium poae 4526
Gaeumannomyces graminis 7990
gametocides 2150, 6719, 9117, 12230
gamma radiation 121, 3339, 6713, 7995, 8005, 11275
gene dosage
amylose 3333
photoperiodism 2157
gene expression 1271
ACC synthase 119
adenosinetriphosphatase 118, 2138
allergens 3326
α-amylase 6096, 12234
chlorophyll 3321
cold resistance 6750, 12271
dormancy 4489
Erysiphe graminis 3360
germin 6706
germination 12234
glucan branching enzyme 6701
glucose-1-phosphate adenylyltransferase 10048
glutenins 2140
histones 7920, 10042
hydrolases 9159
male sterility 3326
metallothionein 3317, 6739
NADH dehydrogenase 3310
phosphorylation 12204

***Triticum aestivum* cont.**
- gene expression *cont.*
  - photosynthesis 5627
  - plant embryos 3326
  - pollen 3317
  - polyamines 4534
  - protein kinase 7921, 9107
  - proteins 3308
  - *Puccinia recondita* 4534
  - seeds 4489, 6708, 12204
  - serpins 2125
  - somatic embryogenesis 6739, 10057
  - transposable elements 4472
- gene location
  - calmodulin 2137
  - cold resistance 4514
  - dormancy 11253
  - drought resistance 4514
  - *Erysiphe graminis* 178
  - glutenins 6745
  - heat resistance 168
  - hydroxamic acids 11251
  - isoenzymes 8064
  - *Leptosphaeria nodorum* 177
  - photoperiodism 2157
  - quality 11270
  - reviews 6710
  - somatic embryogenesis 10057
  - starch 11270
  - stems 6728
- gene mapping 106, 5598, 6683, 6703, 6707, 7923, 9105, 10025
  - allergens 4473
  - aluminium 1294
  - chlorotoluron 4541
  - chromosome pairing 11242
  - cold resistance 6750, 12272
  - DNA methyltransferase 4473
  - *Erysiphe graminis* 10083
  - gliadin 10060
  - globulins 1272
  - glutenins 10060
  - height 3291, 11254
  - herbicides 4541
  - protein kinase 4536
  - *Puccinia recondita* 2198, 4536, 10083, 12276
  - *Pyrenophora tritici-repentis* 4532
  - quantitative traits 12221
  - regenerative ability 11260
  - telomeres 9106
  - *Ustilago segetum* 9157
  - vernalization 3291, 11254
  - water balance 4487
- genetic engineering 5610
  - α-amylase 6096
  - glutenins 147, 4502
  - male sterility 12227
  - serpins 2125
  - transcription factors 6702
- genetic markers 106
  - abnormal development 3330
  - abscisic acid 5599
  - anther culture 3309
  - enzymes, reviews 6709
  - *Erysiphe graminis* 3361, 3386
  - gliadin 3330, 3361, 9126
  - glutenins 9126
  - growth regulators 5599
  - isoenzymes 8064
  - proteins, reviews 6709
  - *Pseudocercosporella herpotrichoides* 7991
  - *Puccinia recondita* 2197, 5658
  - sprouting 1282
  - stress 5599
  - *Ustilago segetum* 7999
- genetic resources 114, 4466-4467, 7884, 9092-9093, 10094, 11232-11233
- genetic transformation 120, 3306, 5611, 9108, 10025, 10041, 12217
  - actin 11238
  - glutenins 147-148
  - male sterility 12227
  - quality 11265
  - techniques 6700
  - transposable elements 4472
  - yield components 5631
- genetic variance
  - *Cochliobolus sativus* 7997
  - *Gibberella zeae* 2193

***Triticum aestivum* cont.**
- genetic variance *cont.*
  - inflorescences 11252
  - nutrients 2182, 4507
  - phosphorus 2182, 4507
  - quality 9138, 9140
  - roots 10050
  - yield components 2162, 3334, 3338, 4492, 5638, 7960, 7963, 7965, 7967, 9130, 11257, 12242, 12245-12247, 12274
- genetics
  - albumins 3320
  - aluminium 166
  - catalogues 5612
  - chlorosis 10090
  - chromosome pairing 3315
  - *Cochliobolus sativus* 7996
  - cold resistance 4515, 10089
  - *Erysiphe graminis* 172, 174, 4533, 5651, 6762, 11290-11292, 12275
  - fungi 5656
  - *Fusarium culmorum*, reviews 11231
  - *Gibberella zeae* 3358
    - reviews 11231
  - gibberellic acid 3329
  - gliadin 153, 2169, 7975, 10060
  - glutenins 142, 153, 2169, 2177, 3320, 3343, 5641, 7978-7979, 10060-10061
  - growth period 5630, 12237
  - growth regulators 3329
  - habit 2153
  - height 3329, 5629, 10071, 11249
  - hybrid necrosis 183
  - male sterility 2151
  - *Mayetiola destructor* 1303, 2204
  - *Mycosphaerella graminicola* 175
  - photoperiodism 12237
  - *Puccinia graminis* 6765, 7882, 9159, 10090, 11297, 11299
  - *Puccinia recondita* 172, 174, 181, 2199, 3362, 4535, 5652, 5655, 6762, 7882, 8001, 8006, 10090, 10092
    - reviews 8002
  - *Puccinia striiformis* 11294-11296
  - quality 142, 2169, 2177, 5641, 5655, 7975, 7979, 11271, 12256
  - *Schizaphis graminum* 6769
  - spikelets 2153
  - spring and winter habit 133
  - sprouting 7946
  - sterility 2152
  - *Tilletia indica* 11293
  - *Tilletia laevis* 10089
  - *Tilletia tritici* 10089
  - toxic substances 166
  - *Ustilago segetum* 9157
  - vernalization 12237
  - waterlogging 169
  - *Xanthomonas translucens* 171, 3355
  - yield components 8006
  - yields 5655
- genotype environment interaction 159, 161-162, 1291
  - catechol oxidase 11267
  - gliadin 12254
  - glutenins 12254
  - quality 158, 6748, 7975, 11267-11268, 12254
  - transpiration 5635
  - yield components 6747-6748
  - yields 3337, 4505, 5635
- genotype mixtures 3345, 3357
  - fungi 11286
  - yields 7983
- germination 134, 3322, 7986
- germplasm releases 3296, 4469, 4500
  - cytoplasmic male sterility 6721
  - *Schizaphis graminum* 6769
- *Gibberella avenacea* 11284
- *Gibberella zeae* 2191, 4526, 5646, 7992, 9154-9155
- gibberellic acid 2150
- gliadin 150, 5623, 6729, 10064
- glutenins 4496, 5640, 6742-6743, 9135, 10059, 10064, 12257
  - techniques 141, 4503, 6741
- growth period 7953, 9154

***Triticum aestivum* cont.**
- growth regulators 2155, 4513, 5625, 10071, 11274
- haploidy 1277, 3313, 4494, 6717, 7929, 12224
- hard seeds 152
- harvest index 3337
- heat resistance 4511, 6726, 6754, 9144, 9152, 10071, 11279, 12269
- height 2158, 2160, 5625, 5634, 9123
- herbicides 4542
- heritability
  - anatomy 7952
  - carbohydrates 5647
  - *Cochliobolus sativus* 7993
  - cold resistance 5643
  - drought resistance 6753
  - *Erysiphe graminis* 5650
  - *Gibberella zeae* 2193
  - growth period 5630
  - internodes 11250
  - leaves 131, 7952
  - proline 5643
  - *Puccinia recondita* 11298
  - quality 7975, 9140
  - sterility 7943
  - *Typhula idahoensis* 5647
  - water balance 6753
  - yield components 1286, 2159, 3335, 5636-5638, 6731, 6736-6737, 7955, 7962, 11235, 11258, 12240, 12242
- heterosis
  - chlorophyll 5628
  - development 9121
  - height 11255
  - internodes 11255
  - nutrients 2181, 4507
  - phosphorus 2181, 4507
  - photosynthesis 5628
  - yield components 3336, 4477, 6735, 7956, 7961, 7967, 12243
  - yields 9121
- homozygosity
  - awns 139
  - inflorescences 139
  - leaves 139
- hybrid necrosis 2202
- hybrid seed production 1275, 7926
- hybrid varieties 5605, 7926
- hydroxamic acids 2130, 8007
- hypoxia 6685, 9151
- IAA oxidase 6246
- ideotypes 2180
- *in situ* hybridization, chromosome translocation 7931
- *in vitro* selection
  - atrazine 10098
  - cold resistance 4515, 5643
  - difenzoquat 10098
  - drought resistance 4522
  - *Fusarium culmorum* 2192
  - *Gibberella zeae* 2192
  - herbicides 10098
  - hydroxyproline 4515
  - proline 5643
  - salinity 170, 4521, 10076
  - toxic substances 4515
- inbreeding 7883
- induced mutations 121
  - apomixis 6718
  - diseases 7995
  - endosperm 10063
  - heat resistance 11275
  - height 7995, 8005
  - lipids 11275
  - male sterility 1279, 5624
  - *Puccinia graminis* 8005
  - *Puccinia recondita* 8005
  - quality 3339
  - starch 10063
  - yield components 6713
- insects 6758
- intergeneric hybridization 6760, 7873
- interspecific hybridization 2153, 3296, 4478, 4490, 5613, 5641, 6713, 6715, 6760, 9132, 10059, 10085, 11255
- iron 6751-6752
- irrigation 10066
- isoenzymes 6246, 12229

Triticum aestivum *cont.*
leaves 128
Leptosphaeria nodorum 1298, 4524-4525
linkage
chlorotoluron 4541
herbicides 4541
protein kinase 4536
Pseudocercosporella herpotrichoides 176
Puccinia recondita 4536
lodging 110, 127, 135
low input agriculture 2180
male sterility 2149-2150, 3318, 6719-6720, 7926, 10046-10048, 12230, 12233
manganese 6751-6752
maternal effects, gliadin 4490
Mayetiola destructor 6767
meiosis 10047-10048
Metopolophium dirhodum 1301
microsatellites 7925, 11246
mitochondrial genetics
adenosinetriphosphatase 118, 11237
NADH dehydrogenase 3310
modifiers
habit 2153
spikelets 2153
moisture content 9148
molecular genetics
DNA polymerase 1278
quality 2139, 3342
ribosomes 9112
Monographella nivalis 4527-4528, 4530-4531
multivariate analysis
morphology 11233
quality 2175, 9139
yield components 2161, 4493, 6734, 7964, 7966, 9128
mutagens 1279, 5624, 10063
mutations
chlorophyll 3323
cold resistance 5643
height 3332
proline 5643
starch synthase 12253
Mycosphaerella graminicola 1298, 5648
mycotoxins 2174
nitrogen 163, 1292, 2180, 5634, 6749, 10067, 10069, 11273
nitrogen fixation 12267
nucleocytoplasmic interaction
apomixis 10045
Leptosphaeria nodorum 6760
tissue culture 12248
yield components 5614
nucleotide sequences
ACC synthase 119
adenosinetriphosphatase 2138
allergens 3326
calmodulin 2137
cold resistance 12271
DNA binding proteins 6708
gliadin 12218-12219
glucan branching enzyme 6701
glucose-1-phosphate adenylyltransferase 10048
glutenins 3307
histones 7920
male sterility 3326
metallothionein 3317
plant embryos 3326
pollen 3317
protein kinase 4536, 7921, 9107
proteins 3308
Puccinia recondita 4536
ribosomal DNA 9110
nutrients 154-155, 163, 1292, 2180, 3352, 4484, 4506, 5634, 6749, 7934-7936, 7938-7939, 7981, 9155, 10067-10069, 11272-11273, 12266
Oulema melanopus 4537
outcrossing 1280
ovule culture 11259
parthenogenesis 9116
peroxidases 6246, 12249
phenolic acids 12259
phosphorus 10069
photoperiodism 6726, 7948, 7953, 10065
photosynthesis 126, 128, 2186-2187, 5633, 9151

Triticum aestivum *cont.*
plant disorders 6766
plant embryos 11248
plant introduction 4468
pleiotropy
gibberellins 11249
growth regulators 11249
height 5629
leaves 11249
pollen 10047-10048, 11248, 12232
pollen culture 139
polymerase chain reaction 12220
chromosome pairing 11242
Erysiphe graminis 3386
glutenins 4474, 7974
Heterodera avenae 184
Puccinia recondita 2197
repetitive DNA 4461
polymorphism
gliadin 3341
peroxidases 10052
Polymyxa graminis 182
Pratylenchus neglectus 6691
Pratylenchus thornei 162
promoters
histones 10042
ribulose-bisphosphate carboxylase 2141
proteins 2205, 3319, 4496, 4511, 9125, 9127, 12262
Psammotettix striatus 10095
Pseudocercosporella herpotrichoides 10081
Puccinia graminis 3359
Puccinia recondita 3356, 3359, 5653-5654, 5657, 10085-10086, 10094, 11288, 12277
Puccinia striiformis 1299, 3356, 3359, 3363, 9158, 10086, 10094, 11288, 12278
Pyrenophora tritici-repentis 4525, 9153
quality 145, 151-152, 2170-2171, 2173-2174, 2179, 3344, 5640, 6742-6744, 7976-7977, 9135, 10061-10062, 10064, 11266, 11269, 12211, 12238, 12251-12252, 12255, 12260, 12262, 12264-12265
backcrossing 12263
radionuclides 6714
random amplified polymorphic DNA
Erysiphe graminis 10088
genomes 9109
Mayetiola destructor 6768, 9161
Puccinia recondita 2197, 8003
reciprocal effects
quality 2168
yield components 2168
recombination 2147
chromosome pairing 6715
restriction fragment length polymorphism 106, 6683, 6705, 6707
allergens 4473
aluminium 1294
anther culture 3309
chlorotoluron 4541
DNA methyltransferase 4473
Erysiphe graminis 3386
height 11254
herbicides 4541
Heterodera avenae 184
heterosis 4477
Pseudocercosporella herpotrichoides 7991
Puccinia recondita 2198
Pyrenophora tritici-repentis 4532
regenerative ability 11260
telomeres 9106
vernalization 11254
water balance 4487
Rhopalosiphum padi 1301, 4537-4538, 8007, 12279
roots 132, 5642, 11274
rotations 7990
salinity 167, 2190, 3356, 4509, 4512, 11277
Schizaphis graminum 4538
seed testing 3324
seeds 3331, 4485, 6722, 10051, 12236, 12238, 12250
Septoria 172
Sipha elegans 9160

Triticum aestivum *cont.*
Sitobion avenae 10097
Sitodiplosis mosellana 9162
Sitotroga cerealella 1302
snow moulds 4529, 5645
soil pH 164, 6751
soil toxicity 7871
somaclonal variation 2166
aluminium 10077
atrazine 10098
difenzoquat 10098
gibberellic acid 10077
growth regulators 10077
height 12235
herbicides 10098
proteins 2167
Puccinia recondita 3339
quality 9133
seeds 2167
Tilletia indica 179
toxic substances 10077
yield components 9133
source sink relations 130, 3350-3351, 10049, 10051
sowing date 7934, 9144, 10065, 11272
spring and winter habit 10065
sprouting 9119, 10061
stability 1289-1290, 6688
development 157
habit 2153
spikelets 2153
yields 10070
starch 144, 151, 11263, 12252, 12255
sterility 4484, 7933-7942, 7981, 10068, 11272
streptomycin 5624
stress 2149, 6720
sugars 5645
temperature 7937-7938, 7948, 12249
thioredoxins 7919
Tilletia indica 8000
tissue culture 2165, 7972, 12217, 12249
toxic substances 163, 165, 3346-3347, 5642, 6751-6752, 7871, 9145-9147, 9149-9150, 10072-10073, 10075, 11276, 11278
transgression
cold resistance 6723
height 6723
translocation 130, 5634
Typhula incarnata 4528
Typhula ishikariensis 4528, 7878
Ustilago segetum 11288
variety classification 3330
variety trials 115-116, 159-160, 1257, 1266, 3299, 5603, 5605, 6673, 6696-6697, 7887-7899, 10017, 10035, 11232, 11236
experimental design 5597
vernalization 10065
vomitoxin 2194
water balance 126, 134, 3353, 4486, 7945, 7988
waterlogging 9151, 11274, 12273
weeds 4540
wheat spindle streak mosaic bymovirus 182
yield components 113, 2185, 5653, 12224
yield correlations 2158-2160, 3337, 5637-5638, 6732, 6761, 7957, 7961-7962, 9152, 11258, 12236, 12241, 12244
yields 5605
zinc 154-155, 3352, 4506, 9155, 12266
varieties 2122, 3286, 3344, 7887, 12211
AC Barrie 7913
AC Walton 1268
AKW1071 9101
Alamoot 9102
Alchanmil 5609
Alka 2135
B173 3300
Bimai-10 3303
Bimai-11 3303
Carnamah 12216
Cascades 7916
Datatine 7917
EMBRAPA-41 12215
Guandong-107 4471
Jimai-30 3297

Triticum aestivum *cont.*
varieties *cont.*
Jingdong-6 2134
Jinghe-1 2133
KRL1-4 1269
Metrenco-INIA 5608
Mona 2136
Nisihonami 10038
Pacific 1270
Paillaco-INIA 5607
Parbhani-51 10039
Paterson 3300
Purna 9101
Renaico-INIA 5606
Sagarika 10035
Sids-1 3301
Siria 117
Tajan 9103
Tammin 7918
Vanguard 7915
Verde 6699
WAWHT1380 12216
Yining 182
Yumai-28 3302
Triticum aethiopicum, genetic transformation, actin 11238
Triticum araraticum
Aceria tulipae 3354
chromosome translocation 5617
development 11248
fungi 3354
genetics, *Erysiphe graminis* 12275
interspecific hybridization 10082
Mayetiola destructor 3354
plant embryos 11248
pollen 11248
Triticum boeoticum
backcrossing
glutenins 5641
quality 5641
genetic distance 9111
genetics
glutenins 5641
quality 5641
gliadin 9134
glutenins 9134
interspecific hybridization 5641, 10093
polymorphism, gliadin 4495
random amplified polymorphic DNA 9111
Triticum compactum
quality 151
starch 151
Triticum dicoccoides
chromosome translocation 5619
cold resistance 12270
ecotypes 10053
gene banks 10034
gene mapping
chlorotoluron 4541
herbicides 4541
genetic resources 10034, 10053, 10056
genetic variation, isoenzymes 7885
heat resistance 12270
interspecific hybridization 4501
linkage
chlorotoluron 4541
herbicides 4541
multivariate analysis, yield components 10056
nutrients 11262
proteins 11262
restriction fragment length polymorphism
chlorotoluron 4541
herbicides 4541
seeds 11262
Triticum dicoccum
breeding, history 9097
centres of origin 9142
domestication 9142
ecotypes 9136
gene banks 9094
genetic resources 9095-9096, 10037
multivariate analysis, quality 2172
quality 9136
variety trials 7912
varieties, Lucanica 10037
Triticum durum
aluminium 3349, 6752
arabinoxylans 6740
breeding 6692-6693, 11234

Triticum durum *cont.*
cadmium 1256, 7870, 10072
chlormequat 2155
chromosome substitution 1294
hybridization 5616
proteins 4501
quality 4501
chromosome translocation, salinity 3348
Cochliobolus sativus 7994
cold resistance 12270
combining ability, yield components 1285
competitive ability 4539
drought resistance 4510, 11283
embryo culture 7968
epistasis, harvest index 6730
ethephon 2155
experimental design 2154
ferulic acid 6740
Fusarium 173
Fusarium culmorum 5646, 7994, 10084
gamma radiation 6713
gene location
glumes 137
proteins 4497
seeds 4497
gene mapping 9113
chromosome pairing 11242
globulins 1272
salinity 3348
genetic markers
proteins 4497
seeds 4497
genetic resources 3298, 7959, 10094
genetic transformation
actin 11238
Erysiphe graminis 12202
Puccinia 12202
genetic variance, yield components 1284-1285
genetics
Erysiphe graminis 172
glumes 137
glutenins 143
Mayetiola destructor 5660
Puccinia recondita 172
quality 143, 2176
genotype environment interaction 5604
yield components 2183, 3298
Gibberella 173
Gibberella zeae 5646, 9155
gliadin 6729
glutenins 4498
growth regulators 2155
haploidy 11247
heat resistance 12269-12270
heritability
quality 2176
yield components 1284, 6725
induced mutations, yield components 6713, 6725
interspecific hybridization 3296, 4478, 4491, 4501, 6713, 10093
iron 6752
Leptosphaeria nodorum 4525
linkage, glumes 137
lysine 6698
manganese 6752
Monographella nivalis 173
multivariate analysis
quality 2172
yield components 12239
Mycosphaerella graminicola 2196
nickel 4510
nitrate reductase 2129
nitrates 2129
nitrogen 7982
nutrients 154-155, 2129, 4506, 7982, 9155, 12266
outcrossing 5615
photosynthesis 109
polymerase chain reaction
chromosome pairing 11242
glutenins 4474, 4499
Puccinia recondita 2196, 10094
Puccinia striiformis 10094
Pyrenophora tritici-repentis 4525
quality 1287-1288, 2178, 4498, 4504, 7980, 12261
respiration 109

Triticum durum *cont.*
restriction fragment length polymorphism
salinity 3348
variety classification 3327
Rhopalosiphum padi 4538
salinity 12268
Schizaphis graminum 4538
Septoria 172
soil pH 164, 3349
stability 1290
stems 6755
stomata 2154
stress 6755
Tilletia indica 8000
tissue culture 2165, 7972
toxic substances 1256, 3349, 4510, 6752, 10072
variety trials 1266, 2154, 2178, 5604, 6696-6697, 7900-7911, 10036
experimental design 5597
yield components, multivariate analysis 7959
yield correlations 129, 4470, 6725
zinc 154-155, 4506, 9155, 12266
varieties 2122, 10036
Bezenchukskiĭ Yantar' 3304
Damsinskaya-90 3304
Khar'kovskaya-23 3305
Lyudmila 3305
Munich 7914
Seymareh 9104
Yinchun-5 6698
Triticum monococcum
breeding 9098-9099
centres of origin 9142
development 11248
domestication 9142
gene banks 9094, 9099
gene expression, transposable elements 4472
gene mapping 7922
genetic resources 9095-9096
genetic transformation, transposable elements 4472
germplasm releases 6695
gliadin 9122
glutenins 9122
hydroxamic acids 186
interspecific hybridization 6715, 9132, 10093
isoenzymes 9122
plant embryos 11248
pollen 11248
polymorphism, gliadin 4495
quality 9137
recombination, chromosome pairing 6715
Sitobion avenae 186
sprouting 3293
Triticum polonicum, interspecific hybridization 4491
Triticum sinskajae, germplasm releases 6695
Triticum spelta
centres of origin 9142
domestication 9142
ecotypes 9136
gene banks 9094
genetic markers, *Puccinia recondita* 5658
genetic resources 9095-9096, 10037
glutenins 10059
interspecific hybridization 4490, 10059
maternal effects, gliadin 4490
multivariate analysis, quality 2172
nutritive value 149
polymorphism
gliadin 3341, 11261
glutenins 11261
quality 149, 9136
variety trials 7912
varieties, Forenza 10037
Triticum timopheevii
chromosome substitution 3316
interspecific hybridization 9132, 11255
random amplified polymorphic DNA, compatibility 7927
synaptonemal complex 3312
Triticum turgidum
cell division 3314
chromosome translocation 7930
fertility 7930
genetics
habit 2153

Triticum turgidum *cont.*
genetics *cont.*
quantitative traits 3328
spikelets 2153
interspecific hybridization 2153
modifiers
habit 2153
spikelets 2153
stability
habit 2153
spikelets 2153
varieties, Wollaroi 1267
Triticum urartu
genetic distance 9111
gliadin 9134
glutenins 9134
interspecific hybridization 10093
polymorphism, gliadin 4495
random amplified polymorphic DNA 6704, 9111
restriction fragment length polymorphism 6704
Triticum* × *Secale (*see also* Triticale)
Triticum* × *Aegilops
cytoplasmic male sterility 1275
hybrid seed production 1275
intergeneric hybridization 122, 185, 1276, 2145, 3315, 4475, 4480, 4488, 4543, 5613-5614, 5616, 5649, 5653-5655, 6703, 6712, 6760, 7927-7928, 7932, 7944, 9132, 10040, 10045, 10096, 11241, 11256, 12223, 12248
Triticum* × *Agropyron, intergeneric hybridization 4483, 8000
Triticum* × *Agropyron* × *Dasypyrum* × *Secale, intergeneric hybridization 11226
Triticum* × *Avena* × *Elymus* × *Secale, intergeneric hybridization 6690
Triticum* × *Dasypyrum, intergeneric hybridization 1300, 10043, 11283
Triticum* × *Elymus, intergeneric hybridization 122, 125, 180, 2142, 2145, 2147-2148, 2166, 3364, 4481, 5618, 6716, 7998, 10033, 11239-11240, 12248
***Triticum* × *Elymus* × triticale**, intergeneric hybridization 4469
Triticum* × *Elymus* × *Zea, intergeneric hybridization 2257
Triticum* × *Hordeum, intergeneric hybridization 109, 2126-2127, 2129, 4464-4465, 4568, 6684, 6687, 10030, 11227, 12205, 12208, 12210, 12226, 12237
***Triticum* × *Hordeum* × triticale**, intergeneric hybridization 6835
Triticum* × *Leymus, intergeneric hybridization 6711, 9114, 11239
Triticum* (×) *Leymus, protoplast fusion 2164
Triticum* × *Pennisetum, intergeneric hybridization 7929
Triticum* × *Secale, intergeneric hybridization 123, 156, 1347, 2145, 3315, 3331, 4463, 4476, 5616, 6817, 6839, 6841, 6854-6856, 6865, 11243, 11323, 12212
Triticum* × *Thinopyrum, intergeneric hybridization 2198
Triticum* × *Thinopyrum* × *Elymus, intergeneric hybridization 2146
Triticum* × *Tripsacum, intergeneric hybridization 12206
***Triticum* × triticale**, intergeneric hybridization 1265, 3293, 6868, 6874, 7874, 7876, 11230, 12303
Triticum* × *Zea
chromosome elimination, haploidy 2143
chromosome translocation 3311
embryo culture 2143, 6686, 12206
esterases 12207
glutenins 12207
growth regulators 12206
haploidy 3311, 4479, 12222
intergeneric hybridization 1277, 2143, 3311, 4479, 6686, 7929, 12206-12207, 12222
isoenzymes 12207
protoplast culture 4479
Trollius chinensis
gene expression, germination 4263
nucleotide sequences, germination 4263
Tropical fruits
anther culture 3289
genetic resources 1744-1746, 7403
haploidy 3289
plant introduction 1747
quality, conferences 9908
Tropisms
Arabidopsis thaliana, mutations 3226, 11177, 11185-11187
Arachis hypogaea 7506
Brassica napus, rape, genetic transformation 1778
Pisum sativum, mutations 10466
True seeds, *Solanum phureja* 7224
Trypsin inhibitors
Arabidopsis thaliana, genetic transformation 9050
Brassica campestris 6249
Brassica carinata 6249
Brassica juncea 6249
Brassica napus 6249
Cajanus cajan 511, 1540
Fragaria ananassa
gene expression 1735
genetic transformation 1735
Glycine max, genetics 8272
Hordeum vulgare
gene expression 193
nucleotide sequences 193
Ipomoea batatas 1592
genetic engineering 11899
Nicotiana tabacum, genetic transformation 11899
Pisum sativum 3752
Sinapis alba 6249
Vigna unguiculata, genetic engineering 1735
Tryptophan
Arabidopsis thaliana
gene expression 5558
mutations 3219
Zea mays 9244
in vitro selection 11355
Tryptophan synthase, *Arabidopsis thaliana*, mutations 4416
Tsuga, taxonomy 6415
Tuber
nucleotide sequences
chitin synthase 8932
taxonomy 8932
random amplified polymorphic DNA, taxonomy 11099
Tuber borchii
restriction fragment length polymorphism
ribosomal RNA 5478
taxonomy 5478, 6557
Tuber magnatum
random amplified polymorphic DNA, taxonomy 9901
restriction fragment length polymorphism
ribosomal RNA 5478
taxonomy 5478
Tuber melanosporum, restriction fragment length polymorphism, taxonomy 6557
Tubers
Dioscorea batatas, mutations 7248
Solanum chacoense, artificial selection 2492
Solanum demissum
gene expression 6086
nucleotide sequences 6086
Solanum phureja 7224
Solanum tuberosum 1573, 10539, 10542, 11602, 12547
artificial selection 2492, 10534
Tubulin
Arabidopsis thaliana
gene expression 53
nucleotide sequences 53
Atropa (×) *Nicotiana* 4118
Lupinus albus
gene expression 4796
nucleotide sequences 4796
Nicotiana 4118
Nicotiana tabacum, gene expression 2841
Zinnia elegans
gene expression 6469
nucleotide sequences 6469
Tulipa
Botrytis tulipae 5435
evolution 1971
Tulipa *cont.*
gene banks 8878
interspecific hybridization 6501, 11039
nucleotide sequences, lectins 9857
ovule culture 6501
photosynthesis 1972
pollen germination 7698, 11039
polyploidy 1971
self pollination 7698, 8879
tissue culture 8880
variety trials 8878
varieties, Apeldoorn's Elite 5434
Tulipa gesneriana
embryo culture 6502
interspecific hybridization 6501
ovule culture 6501
tissue culture 6502
Turnip crinkle carmovirus
Arabidopsis thaliana
gene mapping 5573
restriction fragment length polymorphism 5573
Turnip mosaic potyvirus
Brassica, Chinese cabbages, genetics 2548
Brassica chinensis 1635
Brassica juncea, artificial selection 12738
Brassica napus, rape 2749
Brassica oleracea, broccoli, artificial selection 10580
Brassica pekinensis 1635
genetics 582
Lactuca sativa
gene mapping 10586
random amplified polymorphic DNA 10586
Tuta absoluta
Lycopersicon esculentum 6147
Lycopersicon hirsutum 6147
Twinning, *Zea mays*, sweetcorn 11341
Tylenchorhynchus brassicae, *Brassica oleracea*, cauliflowers 1636
Tylenchulus semipenetrans, *Citrus* 5151
Tylosema esculentum, random amplified polymorphic DNA 7209
Typhula idahoensis, *Triticum aestivum*, heritability 5647
Typhula incarnata, *Triticum aestivum* 4528
Typhula ishikariensis
Secale cereale 7878
triticale 6896, 7878
Triticum aestivum 4528, 7878
Tyrosine, *Papaver somniferum*, gene expression 4303
Uapaca, genetic resources 10749
Ubiquitin
Arabidopsis thaliana
gene expression 53, 6642, 8997
genetic transformation 8997
nucleotide sequences 53, 6642
Solanum tuberosum, gene expression 8387
Ubiquitin carrier protein, *Arabidopsis thaliana*, genetic transformation 54
Ubiquitin-protein ligase
Arabidopsis thaliana
gene expression 5539
genetic transformation 5539
nucleotide sequences 5539
UDPglucose 6-dehydrogenase
Glycine max
gene expression 6010
nucleotide sequences 6010
Ugni molinae
fruits 6211
genetic resources 6211
UK
John Innes Centre and Sainsbury Laboratory, reports 1135, 11103
National Institute of Agricultural Botany, reports 3137
Ulmus
genetic resources 10929
genetic variation, isoenzymes 5291
Ophiostoma novo-ulmi 6379
Ophiostoma ulmi 6379
Ulmus americana
gene expression
esterases 12200
fatty acids 12200

***Ulmus americana* cont.**
genetic engineering, *Ophiostoma ulmi* 10930
nucleotide sequences
esterases 12200
fatty acids 12200
Ulmus glabra
breeding 9793
interspecific hybridization 5291
Ophiostoma novo-ulmi 4180
Ophiostoma ulmi 4180
taxonomy 4180
Ulmus hollandica
somaclonal variation 5292
tissue culture 5292
Ulmus laevis
breeding 9793
Ophiostoma novo-ulmi 4180
Ophiostoma ulmi 4180
taxonomy 4180
Ulmus minor
breeding 9793
interspecific hybridization 5291
Ophiostoma novo-ulmi 4180
Ophiostoma ulmi 4180
somaclonal variation 5292
taxonomy 4180
tissue culture 5292
***Ulmus procera*,** genetic transformation 12883
Ulmus pumila
somaclonal variation 5292
tissue culture 5292, 11943
Ultrastructure
Brassica napus, rape, ovules 11798
Lilium longiflorum 6499
Pennisetum glaucum 3565
Petunia, ovules 11798
Zea mays, mutations 5791
Ultraviolet radiation
Arabidopsis thaliana 2092
Dimorphotheca sinuata, natural-selection 4269
Fagus sylvatica, gene expression 12854
Hordeum vulgare 11201
Lentinus tigrinus 6555
Lycopersicon esculentum
gene expression 611
mutations 611
Lycopersicon (×) *Nicotiana* 5009
Nicotiana plumbaginifolia 8700
Nicotiana tabacum 11201
genetic transformation 945
Oryza sativa 3621, 8146, 9306, 12400
genetics 3630
Petroselinum crispum, gene expression 9891
Phaseolus vulgaris 9433
Pinus sylvestris, gene expression 12854
Pisum sativum 6060
Pleurotus ostreatus 6555
Uncinula necator*, *Vitis vinifera 2702, 11756
Unreduced gametes
Actinidia 12678
Elymus × *Triticum* 11240
Hordeum vulgare 4551
Lolium perenne, restriction fragment length polymorphism 5953
Manihot 10553
Medicago sativa 5974, 12437
artificial selection 5975
restriction fragment length polymorphism 2397
Musa, genetics 8517
reviews 7859
Solanum chacoense, artificial selection 2492
Solanum tuberosum 1567, 4908, 8375, 12548
artificial selection 2492
combining ability 4907
genetics 6084, 7223
heritability 4907
Zea mays 5739
Urate oxidase
Cicer arietinum, nucleotide sequences 6066
Glycine max
gene expression 7135
nucleotide sequences 7135
***Urochloa decidua*,** taxonomy 324
Urochloa mosambicensis
varieties
CPI60128 12427
Saraji 12427
Uromyces appendiculatus
Macroptilium atropurpureum 4809
Phaseolus vulgaris 2454, 6050, 7174, 8312
genetics 1520
linkage 3739
random amplified polymorphic DNA 3739
Vigna unguiculata 7202, 9490, 10507
genetics 10506
Uromyces dianthi*, *Dianthus caryophyllus 1069
Uromyces striatus*, *Medicago sativa 1447
Uromyces viciae-fabae
Lens culinaris 6064, 10479
genetics 8329
Uroporphyrinogen decarboxylase, *Nicotiana tabacum*, genetic transformation 9736
Uroporphyrinogen-III methyltransferase, *Zea mays*, nucleotide sequences 2250
USA
Cooperative Forest Genetics Research Program, reports 8937
Cooperative Forest Tree Improvement Program, reports 11102
North Carolina State University-Industry Cooperative Tree Improvement Program, reports 8938
Ustilago scitaminea
Saccharum officinarum 882, 6301-6302, 7538, 7540, 8663, 9701, 10833, 12788
artificial selection 8668
combining ability 9700
genetic variance 9700, 11862
heritability 11862
Ustilago segetum
Triticum aestivum 11288
artificial selection 7999
gene mapping 9157
genetic markers 7999
genetics 9157
Ustilago zeae
Zea diploperennis 10262
Zea mays 306, 10262
Zea perennis 10262
UTP-glucose-1-phosphate uridylyltransferase
Hordeum vulgare, nucleotide sequences 8013
Solanum tuberosum
molecular genetics 9502
multiple alleles 9502
Vaccines
genetic engineering 9948
genetic transformation 29
Nicotiana tabacum
gene expression 2490
genetic transformation 2490
Solanum tuberosum
gene expression 2490
genetic transformation 2490
Vaccinium
breeding 8499
DNA fingerprinting, variety classification 9604
fertility 9606
pollen 9606
pollination 2691, 12662
polyploidy 6198
seed production 2691
self compatibility 12662
varieties, Ozarkblue 3967
Vaccinium angustifolium
breeding 7391
genetic transformation 7393
interspecific hybridization 7393
Vaccinium ashei
fruits 3968
gibberellic acid 11741
growth regulators 11741
parthenocarpy 11741
source sink relations 3968
***Vaccinium cereum*,** taxonomy 8501
Vaccinium corymbosum
genetic transformation 7393
***Vaccinium corymbosum* cont.**
interspecific hybridization 7393, 9603
quality 11742
random amplified polymorphic DNA 9603
storage 11742
tissue culture 8500
Vaccinium darrowii
interspecific hybridization 9603
random amplified polymorphic DNA 9603
Vaccinium macrocarpon
gene expression, β-glucuronidase 9605
genetic transformation, β-glucuronidase 9605
reproduction 750
***Vaccinium myrtillus*,** tissue culture 9607
***Vaccinium pahalae*,** tissue culture 9607
***Vaccinium reticulatum*,** taxonomy 8501
***Vaccinium stamineum*,** genetic resources 2690
***Vaccinium vitis-idaea*,** taxonomy 2692
***Valeriana arnottiana*,** taxonomy 6541
***Valeriana brunoniana*,** taxonomy 6541
***Valeriana edulis*,** tissue culture 13031
***Valeriana hardwickii*,** taxonomy 6541
***Valeriana leschenaultii*,** taxonomy 6541
Valsa*, *Prunus avium 11734
***Vanda brunnea*,** taxonomy 5438
Vanilla necrosis potyvirus, *Nicotiana benthamiana*, genetic transformation 9755
Vanilla planifolia
flowering 11070
nucleotide sequences, 4-coumarate-CoA ligase 12041
pollination 11070
Variegation
Amaranthus tricolor 12591
Arabidopsis thaliana
mitochondrial genetics 81
mutations 81
Bougainvillea, induced mutations 6433
Citrus sinensis, mutations 11775
Collinsia heterophylla, genetics 3062
Lantana depressa, induced mutations 6433
ornamental plants 1908
Picea glauca
random amplified polymorphic DNA 4204
somaclonal variation 4204
Pseuderanthemum repandum 5347
Zea mays
genetics 4605
mutations 4605
Varieties (*see also* Composite varieties; Germplasm releases; Hybrid varieties; Synthetic varieties)
Variety classification 9923
Agaricus bisporus, isoenzymes 1129
Agrostis stolonifera 5373
random amplified polymorphic DNA 5965
Allium sativum, random amplified polymorphic DNA 1601
Alstroemeria, random amplified polymorphic DNA 9851
Ananas bracteatus 8524
Ananas comosus 8524
Argyranthemum frutescens 3061
Asimina triloba 12708
Avena sativa 8051
Benincasa hispida, random amplified polymorphic DNA 9585
Beta, random amplified polymorphic DNA 2813
Beta vulgaris
fodder beet 2517
sugarbeet 2806, 2817
random amplified polymorphic DNA 2813
Brassica campestris
sarson 7457
turnip rape 7457
Brassica napus
polymerase chain reaction 9655
rape 7457
restriction fragment length polymorphism 5173

Variety classification *cont.*
Brassica oleracea
broccoli 1622
techniques 1623
cauliflowers 1622
techniques 1623
Camellia sinensis
amplified fragment length polymorphism 5232
random amplified polymorphic DNA 6308
Capsicum annuum 632, 7328
Citrus 12691
repetitive DNA 12690
restriction fragment length polymorphism 12690
Citrus limon, random amplified polymorphic DNA 12688
Citrus sinensis 10742
Citrus × *Poncirus*
repetitive DNA 12690
restriction fragment length polymorphism 12690
Coronilla varia 3693
crops
books 9918
genetic markers 2070
Cydonia oblonga 11665
Cymbidium 9858
Cynodon dactylon, molecular genetics 5962
Datura metel 4296
Dioscorea, random amplified polymorphic DNA 4939
DNA fingerprinting 6597
Euphorbia pulcherrima, random amplified polymorphic DNA 12923
Festuca arundinacea 5373, 5957
Glycine max 6014-6015, 7143
random amplified polymorphic DNA 4817
Hamamelis, random amplified polymorphic DNA 12919
Helichrysum diosmifolium, random amplified polymorphic DNA 3054
Hevea brasiliensis 8770
Hordeum agriocrithon, isoenzymes 4552
Hordeum spontaneum, isoenzymes 4552
Hordeum vulgare 2218, 8029
isoenzymes 4552
Humulus lupulus
microsatellites 3130
random amplified polymorphic DNA 3130, 12053
Lentinula edodes 11098
Lilium, random amplified polymorphic DNA 3094
Lolium perenne, random amplified polymorphic DNA 9327
Lycopersicon esculentum 5029
microsatellites 5006, 7311, 12597
molecular genetics 5004
Malus, isoenzymes 12645
Malus pumila
microsatellites 5081
random amplified polymorphic DNA 12644
Medicago sativa, random amplified polymorphic DNA 7095
Olea europaea 12759, 12761
oils 6260
ornamental plants, molecular genetics 2995, 11985
Oryza
microsatellites 12365
repetitive DNA 12365
Oryza rufipogon, restriction fragment length polymorphism 4666
Oryza sativa 2350, 4703, 7032, 9296, 12384-12385
genetic markers 10300
microsatellites 4680, 12365
nucleotide sequences 10290
random amplified polymorphic DNA 5881
repetitive DNA 12365
restriction fragment length polymorphism 4666, 10300
Paeonia, random amplified polymorphic DNA 7680

Variety classification *cont.*
Phaseolus lunatus, random amplified polymorphic DNA 11557
Phaseolus vulgaris, random amplified polymorphic DNA 2448
Phoenix dactylifera, restriction fragment length polymorphism 11778
Picea abies, random amplified polymorphic DNA 7647
Pistacia vera 4019
Pisum sativum 496, 4868
Poa pratensis 5373
polymerase chain reaction 1171
Poncirus
repetitive DNA 12690
restriction fragment length polymorphism 12690
Prunus, plums, random amplified polymorphic DNA 5100
Prunus cerasus 11715
Prunus dulcis, fatty acids 6233
Pyrus communis 11665
random amplified polymorphic DNA 1171
Rosa 8829
random amplified polymorphic DNA 4242-4243, 12961, 12969
Solanum tuberosum 541, 10532, 11600
DNA fingerprinting 10530
polymerase chain reaction 10530
random amplified polymorphic DNA 541
repetitive DNA 7219
Sorghum bicolor
polymorphism 12338
random amplified polymorphic DNA 4628
Tamarindus indica
isoenzymes 2726
peroxidases 2726
Triticum aestivum 3330
Triticum durum, restriction fragment length polymorphism 3327
Vaccinium, DNA fingerprinting 9604
Vitis vinifera 6207, 9614, 10701, 12675
genetic markers 2700
microsatellites 1738
polymerase chain reaction 6204, 12670
random amplified polymorphic DNA 2700, 10698
repetitive DNA 526, 12670
restriction fragment length polymorphism 773, 2700
Zea mays 3467, 4604, 9224
restriction fragment length polymorphism 12308
Zingiber officinale
isoenzymes 1995
peroxidases 1995
Zizania caduciflora 2370
Variety trials 9, 14, 6568
Actinidia arguta 11759
Agaricus bisporus 2004
Allium cepa 564, 4946, 8413, 11624
Allium sativum 3829-3830, 4955
Allium tuberosum 570
Alopecurus pratensis 7075
Amaranthus 3855, 5950, 11456
Antirrhinum 8832
Apium graveolens 4971
Arachis hypogaea 2765, 6263-6268, 7504, 12764
Aronia arbutifolia 10668
Aronia melanocarpa 10668
Artemisia dracunculus 4309
Asparagus officinalis 2554, 4975-4982, 6125, 7304, 8427, 9543, 10587-10588
Avena sativa 6673, 8048, 10017, 10124
Beta vulgaris
fodder beet 6674, 12793
sugarbeet 2804, 2806, 2809-2811, 2814, 6674, 7544, 9703-9704, 10018, 10836, 12791-12793
Brassica carinata 1763
Brassica napus
rape 817, 6673, 8547-8552, 10017
swedes 10551
statistics 1589

Variety trials *cont.*
Brassica oleracea
broccoli 4956
cabbages 6114-6115
cauliflowers 6113, 8419
kohlrabi 11638
Brassica pekinensis 4957, 7271, 8420, 10572
Cajanus cajan 7195, 9471
Camellia sinensis 1843
Canna 5417
Cannabis sativa 2908
Capsicum annuum 629, 5052, 10612
Carum carvi 6673, 10017
Castanea sativa 814, 10760
Centrosema pascuorum 9358
Ceratonia siliqua 12705
cereals 1258
Chamomilla recutita 7709-7710
Cicer arietinum 9449-9450, 10480
Citrullus lanatus 12632
Citrus 2713
Citrus reticulata 792
Citrus sinensis 7410
Cocos nucifera 10802
Coffea arabica 2827
Colocasia esculenta 7249
Corylus avellana 10761
Crocus 1080
crops 10
Cucumis melo 10624, 12626
Cucumis sativus 10627, 11661
Cucurbita 2630
Curcuma longa 1114
Cynodon dactylon 7087
Dactylis glomerata 10018
Dianthus 8832
Eragrostis tef 2382
Eugenia uniflora 9646
Eulaliopsis binata 10889
Euphorbia pulcherrima 6420, 10995
Fagopyrum esculentum 7064, 11451
Festuca arundinacea 7076
Festuca pratensis 6674, 10018
Festuca rubra 7669
Ficus carica 10714
fodder plants 1258
Fragaria ananassa 761, 1732, 5117-5118, 6199, 10694
Gladiolus 7690, 8858
Glycine max 453, 3699, 4814-4815, 12185
Gossypium, experimental design 8709
Gossypium hirsutum 2862, 2892, 4135, 8708, 8740, 10869, 12831
Hedera 6421
Helianthus annuus 1797, 2753, 9676, 10784
Helianthus tuberosus 12576
Hibiscus cannabinus 5266-5268
Hordeum vulgare 1257, 6673, 8011-8012, 10017, 10099
experimental design 5597
Humulus lupulus 11085
Ilex 10994
information processing 11130
Ipomoea batatas 3811, 10557
Iris pallida 7737
Lactuca sativa 586, 11635
Lavandula 7738
Lespedeza cuneata 3690
Leucaena 4808
Linum usitatissimum
flax 10884, 12839
linseed 6673, 10017, 10781, 12839
Lolium multiflorum 10018
Lolium perenne 6674, 7076, 7669, 8203, 10018, 11013
Lycopersicon esculentum 2563-2564, 2591, 3875, 7307, 7319, 11639, 12185, 12594
Malus pumila 655, 1719, 2667, 3921-3922, 6171, 6174, 9589, 10649, 11666
Mangifera indica 1750
Manihot esculenta 12559
Manilkara zapota 807
mathematics 7773
Medicago sativa 2391, 2395, 4784-4785, 11493-11494
Morus 9620

Variety trials *cont.*
Musa 6212-6213, 10724
Nicotiana tabacum 899
Ocimum basilicum 8922
Olea europaea 11827-11828
Onobrychis viciifolia 7114
ornamental herbaceous plants 1055, 7670
Oryza sativa 5871-5873, 6999-7004, 12358-12359
Papaver somniferum 6673, 10017
Pelargonium 9808
Pelargonium hortorum 8809
Pennisetum glaucum 4457-4459, 4643-4644, 4648-4650, 5860, 8120, 11392
Phaseolus vulgaris 2417, 3724, 6038, 9428, 10449
Phleum pratense 6674, 10018, 12426
Pistacia vera 4019
Pisum sativum 1522, 2417, 2458, 6054, 6673, 10017, 11562
Poa pratensis 7075, 7669, 10018
Populus 6373
Populus deltoides 1882, 7625-7626
Prunus
apricots 694
cherries 11705
plums 741, 7375-7376, 10674
Prunus armeniaca 688-693
Prunus avium 10678, 11694-11697, 11700, 11734, 12651
Prunus cerasus 10677, 11698-11699, 11726
Prunus persica 749, 2680, 6192, 8490
Psidium guajava 9645, 10747
Punica granatum 5155
Pyrus communis 6183
Raphanus sativus 9525
Ribes nigrum 2688
Ricinus communis 5193
Rubus idaeus 10689, 11739
Saccharum officinarum 159, 2774, 2776-2777, 4087-4089, 7528-7530, 8616-8617, 8622, 8627-8628, 11848, 12782
databases 8626
experimental design 2775
Secale cereale 3419, 4579, 5694, 6673, 8056, 10017
Sesamum indicum 10816-10817
Simmondsia chinensis 5200-5201
Sinapis alba 6673, 10017
Solanum melongena 623
Solanum tuberosum 1563, 2485, 2487, 2500, 4898, 6078, 6674, 7215, 10524, 11593-11594, 12540
Sorghum bicolor 314, 2293, 4457-4459, 4621, 4623, 4625-4626, 4632, 6954-6955, 8106, 10266-10267
Spinacia oleracea 9537
statistics 1160
books 3147
Trifolium pratense 10018, 10375
Trifolium repens 1454, 10018
Trigonella foenum-graecum 3123
triticale 6673, 6824-6826, 6870, 8063, 10017
Triticum aestivum 115-116, 159-160, 1257, 1266, 3299, 5603, 5605, 6673, 6696-6697, 7887-7899, 10017, 10035, 11232, 11236
experimental design 5597
Triticum dicoccum 7912
Triticum durum 1266, 2154, 2178, 5604, 6696-6697, 7900-7911, 10036
experimental design 5597
Triticum spelta 7912
Tulipa 8878
Vicia faba 2439, 6673, 7165, 9423, 10017
Vigna radiata 2481
Viola 1946, 8832
Viola cornuta 1054
Viola wittrockiana 1054, 8832, 11994
Vitis vinifera 768, 12676
Zea mays 234-237, 2244, 3445, 3506, 4585-4588, 6674, 6901, 6904-6908, 8072, 10018, 10142-10143, 12306-12307
mathematics 7773, 8962

Vascular system
Arabidopsis thaliana, mutations 12142
Oryza sativa 2341
Trifolium repens 1463
Zea mays, mutations 275, 12142
Vegetables
farm inputs 2119
gene banks 11217
gene mapping 2124
genetic engineering
quality 37
reviews 5593
genetic markers 2124
genetic resources 3284, 6571, 9931
heavy metals 2119
herbicides 11141
nitrates 2119
quality 2119
varieties 102, 2115
Vegetative hybridization (*see* Graft hybridization)
Vegetative propagation
Allium macrostemon 4949
Allium vineale 569
Amphibromus scabrivalvis 11492
Atriplex canescens 11457
Eucalyptus globulus 10903
Hosta 11054
Lilium 8877, 12017
Lilium longiflorum 12016
Lilium maculatum, genetics 3093
Osmunda regalis 7707
Prosopis 5298
Pseudotsuga menziesii, artificial selection 10979
Saccharum officinarum 11850
Taxus baccata, clonal variation 11981
Venturia inaequalis
Malus, genetic markers 8473
Malus floribunda, genetic markers 8474
Malus pumila 1725, 7360, 10662
germplasm releases 7359
random amplified polymorphic DNA 9593
Veratrum maackii, taxonomy 6540
Vernalization
Arabidopsis thaliana
gene mapping 71
mutations 71
Hordeum vulgare
chromosome addition 12237
gene mapping 3291
genetics 12237
Secale cereale, gene mapping 3291
Triticum aestivum 10065
chromosome addition 12237
gene mapping 3291, 11254
genetics 12237
restriction fragment length polymorphism 11254
Vernonia galamensis
domestication 10821
pollination 5205
Verticillium (*see also Phialophora*)
Abies sibirica 1906
Gossypium 7608
Verticillium albo-atrum
Medicago sativa 10372
Solanum tuberosum, in vitro selection 7228
Verticillium dahliae
Acer platanoides 12889
Gossypium hirsutum 2901, 4147, 8740-8741
artificial selection 7606
combining ability 7607
heritability 7607
Lycopersicon esculentum
genetics 3880
in vitro selection 7321
Solanum melongena 7325
Solanum tuberosum 12202
Vicia
genetic resources 6580, 8239
genetic variation, isoenzymes 8238
nectaries 4794
pollination 440
self compatibility 440
self incompatibility 440
taxonomy 8239

Vicia benghalensis
in situ hybridization 7107
random amplified polymorphic DNA 7107
Vicia dumetorum
genetic variation 11508, 12445
random amplified polymorphic DNA 11508
Vicia faba
aneuploidy 3721
anoxia 6036
artificial selection, crop density 6035
backcrossing 4848
cell division 3720
chromosome aberrations 3720, 8294, 11547
chromosome morphology 6666
cytology, hypoxia 2441
cytoplasmic male sterility 10447
digestibility 2444
DNA 6036
ethyl methanesulfonate 8294, 10445, 12481
gamma radiation 479, 8294, 10445, 12480-12481
gene expression
adenosinetriphosphatase 1507
binding proteins 477
development 2442, 11548
glycine-rich proteins 6034
legumin 8293
lipoxygenase 4847
metallothionein 7166
nodulation 6034
nodulins 2440
seeds 2442, 11548
sucrose 9426
sugars 11548
translocation 9426
gene location 3721
gene mapping 3719, 10020
genetic transformation, legumin 8293
genetic variance
growth period 2443
proteins 11551
seeds 11551
tannins 11551
genetics
dormancy 11550
height 478
seeds 11550
stability 12482
genotype environment interaction
Orobanche crenata 480
yield components 1508
germination 9425, 11549
heritability, yield components 479
heterosis
nutrients 4849
phosphorus 4849
yields 4846
induced mutations 10445, 12480
chromosome pairing 8294
phenolic compounds 12481
seeds 12481
yield components 479
mitochondrial genetics 9959
proteins 9424
ribosomes 9424
mutagens 8294, 10445, 12481
mutations
glucosides 6033
height 478
nitrous oxide 10446
nucleotide sequences
binding proteins 477
development 11548
glycine-rich proteins 6034
lipoxygenase 4847
metallothionein 7166
nodulation 6034
nodulins 2440
seeds 11548
sugars 11548
phenolic compounds 2444
pollen, techniques 12478
pollination 3722, 8295
polyploidy 10446
random amplified polymorphic DNA 3719
recombination, yield components 4848

Vicia faba *cont.*
repetitive DNA 10020
seed aging 11547
seeds 9425
stomata 12479
tannins 9425, 11549
temperature 11549
tissue culture 12480
transpiration 12479
variety trials 2439, 6673, 7165, 9423, 10017
wide hybridization 4846
yield correlations 9427
Vicia monantha, chromosome banding 7108
Vicia narbonensis
gene expression
hygromycin phosphotransferase 9352
nopaline synthase 9352
genetic transformation
hygromycin phosphotransferase 9352
nopaline synthase 9352
glucosides 6033
protoplast culture 5991
Vicia pisiformis
genetic variation 11508, 12445
random amplified polymorphic DNA 11508
Vicia sativa
chromosome banding 7108
gene expression
DNA binding proteins 3686
nitrogen fixation 3686
genetic resources 4322
genotype environment interaction, yield components 7109
heritability, yield components 7109
nucleotide sequences, DNA binding proteins 3686
stability, yields 8240
yield correlations 7109
Vicia villosa
chromosome banding 7108
varieties
Privolzhskaya 3285
Yubileĭnaya 3285
Vicilin
Nicotiana tabacum
gene expression 4124
genetic transformation 4124
Vigna
chemotaxonomy 1544, 10504
chromosome morphology 8354
chromosome pairing 2474
embryo culture 11586
enzyme inhibitors 7125
fertility 2474
flavonoids 1544, 10504
forage 1551
genetic resources 7172, 9493
genetic transformation 12453
heterosis, morphology 2474
interspecific hybridization 11586
Maruca vitrata 1548
multivariate analysis 8354
nutritive value 9493
taxonomy 7125, 7172
Vigna aconitifolia
Bemisia tabaci 7208
Rhizobium 11587
Vigna angularis
evolution 4889
gene mapping 1550
genetic variance, yield components 10514, 10516
genetic variation
isoenzymes 4889
phosphoglucomutase 4889
genotype environment interaction, yield components 4892
heritability, yield components 10514
interspecific hybridization 1550
nutrients 4892
proteins 2475
protoplast fusion 2480
protoplasts 2480
restriction fragment length polymorphism 1550
seeds 2475
yield correlations 10514
Vigna mungo
combining ability, yield components 2479
ethyl methanesulfonate 525, 8356, 10510-10511
fertility 10491
gamma radiation 7206, 8356, 10491, 10510
genetic distance 514
genetic variance, yield components 2479
genetics
Callosobruchus maculatus 3780
flowers 7206
seeds 7206
heritability, yield components 10515
in vitro culture
polyethylene glycol 1555
stress 1555
induced mutations 10510, 10512
chlorophyll 10511
flowers 7206
Meloidogyne incognita 525
morphology 10511
seeds 7206
yield components 8356
interspecific hybridization 514, 2474, 7204
multivariate analysis 10512
yield components 1552, 10517
mutagens 525, 8356, 10510-10511
sodium azide 525
source sink relations 8358
stability, yield components 3779
yield correlations 10515, 12531
varieties
ADT5 520
APK1 6077
VB3 518
Vigna nakashimae, interspecific hybridization 1550
Vigna radiata
artificial selection, yield components 2478
chromium 10518
chromosome pairing 11584
dominance, yield components 8355
epistasis, yield components 8355
gamma radiation 9491
gene expression
ACC oxidase 7205
ACC synthase 8352-8353
pectinesterase 521
genetic distance 514
genetic resources 7203
genetic transformation 12528
genetic variance, yield components 9492
genetics
Callosobruchus maculatus 3780
yield components 3778
genotype environment interaction, yield components 2478, 2482, 4890
heritability, yield components 1554, 11585
heterosis, yield components 7207
in vitro selection, salinity 4893
inbreeding depression 7207
induced mutations, yield components 9491
interspecific hybridization 514, 2474, 7204, 11584
multivariate analysis, yield components 10517
nucleotide sequences
ACC synthase 8352
pectinesterase 521
sowing date 2481
stability, yield components 2482, 9494
toxic substances 10518
variety trials 2481
yield components 10513
yield correlations 522-523, 2476, 3777, 8359-8360, 10513
varieties
ADT3 519
ML613 1549
Vigna subterranea
Bradyrhizobium 4891
nitrogen fixation 4891
yield correlations 1553
Vigna umbellata
chromosome pairing 11584
Vigna umbellata *cont.*
combining ability, yield components 8361
gamma radiation 12529
genetic variance, yield components 8361
genotype environment interaction, yield components 524
induced mutations, yield components 12529
interspecific hybridization 11584
multivariate analysis, yield components 2477, 8357, 12529
yield correlations 12530
Vigna unguiculata
Aphis craccivora 11583
blackeye cowpea mosaic potyvirus 1546, 4888
breeding 8348
cold resistance 9489
combining ability
proteins 8350
yield components 6075, 12525
yields 8350
competitive ability 7201
cowpea mosaic comovirus 8351
crop density 1543
crop mixtures, *Manihot esculenta* 1545
determinate and indeterminate habit 4883
digestibility 11580
dominance, yield components 12526
drought resistance 11582
fungi 4887
gamma radiation 8349
gene expression
drought resistance 6076
leghaemoglobin 11578
gene mapping, *Aphis craccivora* 517
genetic distance 514
genetic engineering, trypsin inhibitors 1735
genetic resources 7199
genetic transformation 513
cowpea chlorotic mottle bromovirus 12824
genetic variance, yield components 10502, 12524
genetics
colour 7200
cowpea severe mosaic comovirus 10508
cucumber mosaic cucumovirus 1547
fruits 7200
sterility 3775
Striga gesnerioides 10509
Uromyces appendiculatus 10506
germination 9489
growth period 8348
habit 10501
heat resistance 9489, 11581
heritability
leaves 2471
stomata 4886
yield components 515, 1542, 10502, 12524, 12526
heterosis, yield components 3776, 6075, 12525
induced mutations 8349
interspecific hybridization 514
leaves 9488
linkage
Aphis craccivora 517
determinate and indeterminate habit 4885
fruits 4885
stems 4885
Maruca vitrata 2473
Meloidogyne incognita 8351, 11520
mutations
leaves 8347
sterility 3775
nuclei 9490
nucleotide sequences
drought resistance 6076
leghaemoglobin 11578
nutritive value 11580, 12527
pests 4887
photoperiodism 8348
photosynthesis 4884
pollination 9487
proteins 1541
Pseudocercospora abelmoschi 8466

***Vigna unguiculata* cont.**
Pseudocercospora cruenta 8466
recombination, cowpea chlorotic mottle bromovirus 12824
restriction fragment length polymorphism, *Aphis craccivora* 517
seeds 1541, 4884, 12527
temperature 9488
tissue culture 11579
Uromyces appendiculatus 7202, 9490, 10507
waterlogging 10505
yield components 516
yield correlations 1543, 2472, 4883, 8349, 10503
yields 4887
varieties
Ebony PR 8346
Line-4A 8346
Tender Cream 8345
Vigour
Anacardium occidentale
combining ability 5169
heterosis 5169
Coffea canephora, artificial selection 11870
Pistacia vera, genetics 4022
Prunus armeniaca, induced mutations 720
Zea mays, mutations 3463
Viola
taxonomy 3066
variety trials 1946, 8832
Viola cornuta, variety trials 1054
Viola etrusca, population genetics 5405
Viola lainzii, taxonomy 3066
Viola lutea, interspecific hybridization 1953
Viola polycephala, nomenclature 9843
Viola tricolor, interspecific hybridization 1953
Viola wittrockiana, variety trials 1054, 8832, 11994
Violaxanthin de-epoxidase
Lactuca sativa
gene expression 8426
genetic engineering 8426
nucleotide sequences 8426
Viruses
Cannabis sativa 8752
Capsicum frutescens 12625
Clerodendrum aculeatum
gene expression 7726
nucleotide sequences 7726
crops
genetic engineering 22, 5515
genetic transformation 9940
books 1146
fodder legumes, genetic engineering 3652
gene expression 11140
genetic engineering 2051
genetic transformation 3165, 8979, 11154, 12100, 12102
genetics, reviews 6606
Hordeum spontaneum 1335
Hordeum vulgare 1335
Lycopersicon esculentum 5043
molecular genetics 7793, 11140, 12101
Nicotiana tabacum
genetic transformation 4128, 6342, 8706
genetics 5252
genotype environment interaction 5252
Olea europaea 4066, 11825
ornamental plants, molecular genetics 3002
Phaseolus vulgaris 484, 488
genetics 6052
Prunus persica 753
Sesamum indicum 864
Solanum tuberosum 1578, 6093, 8388
Zea mays 3526
gene expression 6923
nucleotide sequences 6923
***Viscum cruciatum*, *Allium cepa* 568**
Vitis
Agrobacterium vitis 10706
amino acids 778
breeding, history 7396
chemotaxonomy 11755
cuttings 776
***Vitis* cont.**
DNA 5126
fruits, techniques 5127
genetic distance, proteins 5128
genetic markers, *Plasmopara viticola* 782
genetic transformation, grapevine chrome mosaic nepovirus 12677
genetic variation, isoenzymes 11755
growth regulators 776
haploidy 3981
hybridization 3980
interspecific hybridization 774
plant introduction 3980
pollen culture 9615
proteins 11755
quality 10703
random amplified polymorphic DNA 3979
regenerative ability 8511-8512
rooting capacity 776
tissue culture 774, 776-777, 1739, 8511
varieties, books 4335
Vitis labrusca
flavanols 11752
seeds 11752
***Vitis labruscana*, fruits 10700**
Vitis rotundifolia
interspecific hybridization 1739
Mycosphaerella angulata 11757
***Vitis rupestris*, genetic transformation 12671**
Vitis vinifera
amino acids 3983, 10704
anther culture 3985
anthocyanins 10701
artificial selection 3975, 12667
clonal variation 8509
benzyladenine 7398
breeding 767, 7391, 10697
chlorosis 779
chromosome number 12672
clonal variation 3975, 10697
colour 5125
fruits 5125
cold resistance 768, 780-781, 10705
computer programming 1740
ecotypes 6204
embryo culture 7399
flavanols 11752
fruit cracking 11758
fruits 7398, 10700
gamma radiation 12672
gene expression
anthocyanins 3984
chitinase 12674
flavonoids 3984, 6206
β-fructofuranosidase 2699
glutamate-ammonia ligase 770
ripening 2699
stilbene synthase 10699
genetic engineering, stilbene synthase 11443
genetic markers, variety classification 2700
genetic resources 3986, 8513, 9614, 11748
genetic transformation
ACC oxidase 7397
ethylene 7397
growth regulators 7397
genetics
fruits 6205
seedlessness 6205
genotype environment interaction
genotype mixtures 3987
leaves 10702
gibberellic acid 7398
growth regulators 7398
heritability, yield components 772
in vitro culture 2701
books 775
interspecific hybridization 1739
isoenzymes 12675
leaves 1740
Maconellicoccus hirsutus 6208
microsatellites, variety classification 1738
molecular genetics
β-fructofuranosidase 2699
ripening 2699
multivariate analysis, phenolic compounds 6207
***Vitis vinifera* cont.**
mutations
anthocyanins 6206
colour 5125
fruits 5125
nitrogen 3983
nomenclature 5129
nucleotide sequences
alcohol dehydrogenase 11749
chitinase 12674
glutamate-ammonia ligase 770
glutamate dehydrogenase 2698
ovules 11750
parthenocarpy 771
phenolic compounds 1741, 3983
photosynthesis 9613
pollen 12673
pollen germination 11751
pollination 771, 11751
polymerase chain reaction
stilbene synthase 12670
variety classification 6204, 12670
polyploidy 12672
proteins 3983
protoplast culture 11753
quality 1742, 10704, 11754, 12676
random amplified polymorphic DNA
seedlessness 3982
variety classification 2700, 10698
regenerative ability 8511-8512
repetitive DNA
stilbene synthase 12670
variety classification 526, 12670
restriction fragment length polymorphism, variety classification 2700
seedlessness 771, 7399, 11750
seeds 11752
somaclonal variation 12672
leaves 10702
somatic embryogenesis 2701
tissue culture 777, 1741, 3986, 8511, 8513
Uncinula necator 2702, 11756
variety classification 6207, 9614, 10701, 12675
restriction fragment length polymorphism 773
variety trials 768, 12676
varieties
Argaman 8510
Cserszegi Fűszeres 6203
Durif 5129
Garanoir 3976
Jade Seedless 1736
King Husainy 1736
Marquis 12669
Munag 5125
Ralli Seedless 1737
Seedless-8612 769
Shengbao 3977
Syrah 5129
Traminette 12668
Yubileĭ OSKhI 3978
Vivipary
evolution 2109
Kalanchoe daigremontiana 8899
Kalanchoe pinnata 8899
Zea mays 5756
gene expression 9201
gene location 9208
mutations 9208, 12321
Volatile compounds
Citrus 4001
Coffea arabica 10843
Coffea canephora 10843
Malus 5086
Medicago sativa 12438
Volvariella bombycina
interspecific hybridization 7748
protoplast fusion 7748
Volvariella diplasia
cellulase 5477
xylanase 5477
Volvariella volvacea
cellulase 5477
interspecific hybridization 7748
protoplast fusion 7748
xylanase 5477
Vomitoxin, *Triticum aestivum* 2194
***Wahlenbergia*, taxonomy 8852-8853**

Washingtonia robusta, molecular genetics, alcohol dehydrogenase 3022
Water balance
Brassica campestris 8579
Brassica carinata 8579
Brassica juncea 8579
Capsicum annuum 636-637
Cocos nucifera 11824
Craterostigma plantagineum, gene expression 4264
gene expression, reviews 9933
Glycine max 469, 4838
Gossypium hirsutum 2880
Helianthus annuus 7490
Hordeum vulgare 208, 6795
gene expression 1325
Lycopersicon esculentum 6137
Olea europaea 7503
Oryza 10334
Oryza sativa, genotype environment interaction 368
Phaseolus vulgaris 483, 4862-4863
Pinus halepensis 11966
Poa pratensis 9324
Populus 5289-5290, 10923
Pseudotsuga menziesii 2988
Sorghum bicolor 320, 4630, 6973-6974
Trifolium repens 436
Triticum aestivum 126, 134, 3353, 4486, 7945, 7988
gene mapping 4487
heritability 6753
restriction fragment length polymorphism 4487
Zea mays 8101, 9249
Waterlogging
Boehmeria nivea 6359
Cajanus cajan 11577
Cucumis melo, heterosis 1689
Eucalyptus camaldulensis 10904
Fragaria ananassa 766
Glycine max 2433
Malus 664
Oryza sativa
gene mapping 1415
random amplified polymorphic DNA 1415
restriction fragment length polymorphism 1415
Saccharum officinarum, in vitro selection 8661
Triticum aestivum 9151, 11274, 12273
genetics 169
Vigna unguiculata 10505
Zea mays 297, 3500
artificial selection 3517
Watermelon Moroccan mosaic potyvirus, *Cucumis sativus,* genetics 11664
Watermelon mosaic 2 potyvirus
Citrullus lanatus 1702
germplasm releases 2628
Cucumis melo, genetic transformation 12631
Watermelon mosaic 1 potyvirus
Cucurbita maxima
genetics 8454
heritability 8454
Waxes
Arabidopsis thaliana 9042
induced mutations 4395
nucleotide sequences 1220
Benincasa hispida, random amplified polymorphic DNA 9585
Brassica napus
rape
genetic markers 6247
genetics 6247
Lycopersicon esculentum 2574
Lycopersicon hirsutum 2574
molecular genetics 32
mutations 32
Panicum sumatrense 12342
Pisum sativum 6060
Ricinus communis, genetics 7514
Secale cereale
gene mapping 12300
mutations 12300
restriction fragment length polymorphism 12300
Zea mays 11365
genetics 252, 9232
Waxes *cont.*
Zea mays cont.
molecular genetics 9222
mutations 9222, 9232
Weathering, *Glycine max* 2430
Weeds
Hordeum vulgare 10123
Oryza glaberrima 5946
Oryza sativa 5946
Triticum aestivum 4540
Zea mays 11370
Wheat spindle streak mosaic bymovirus, *Triticum aestivum* 182
Whetzelinia *(see Sclerotinia)*
Widdringtonia nodiflora, taxonomy 10989
Widdringtonia whytei, taxonomy 10989
Wide hybridization
Artemisia tridentata 8190
Brassica campestris
sarson 8584, 12731
toria 8584, 12731
Brassica chinensis 6117
Brassica oleracea
broccoli 7285
cabbages 7285, 12587
kale 12587
kohlrabi 12587
Cucumis sativus 2652
Eragrostis curvula 3663
Glycine max 9368
Helianthus annuus 12742
Hibiscus syriacus 1048, 3033
Hordeum bulbosum 6796
Hordeum vulgare 6796
Medicago tornata 8229
Medicago truncatula 8229
Oryza 5888
Oryza sativa 2323, 2332, 3616, 4667, 4686-4688, 5890-5891, 7019, 7031, 10301, 10308, 10311, 11410, 12373, 12379
gene mapping 9288
genetics 8147
restriction fragment length polymorphism 9288, 12372
Pinus taeda 2969
Pisum sativum 11566
Saccharum officinarum 8642
Solanum tuberosum 9505, 12548
Sorghum bicolor 12339
triticale 6849
Vicia faba 4846
Zea mays 1350, 4593
Withania somnifera, tissue culture 11064
Wollemia nobilis, taxonomy 4215
Wood, *Hevea brasiliensis* 5272
Wood properties
Abies sachalinensis 1020
Betula pendula 6365
clonal variation 9782
Castanea sativa 815
Eucalyptus camaldulensis, techniques 11925
Eucalyptus globulus, techniques 11925
Eucalyptus grandis, genotype environment interaction 1881
Eucalyptus nitens, heritability 12859
Picea abies 6406, 10974
genotype environment interaction 1015
Pinus massoniana 4194
Pinus patula, heritability 6402
Pinus radiata 11961-11962
Populus 11938
Populus balsamifera
heritability 971
provenance trials 971
Pseudotsuga menziesii 10982
Woody plants
gene expression
dormancy 5278
photoperiodism 5278
Wrightia tomentosa, tissue culture 4185
X radiation
Brassica (×) *Lesquerella* 4038
Glycine max 4830
Oryza sativa 2324
Tradescantia 1097, 6519
Xanthine dehydrogenase, *Oryza sativa,* induced mutations 10318
Xanthomonas, Capsicum annuum 628
Xanthomonas arboricola, Juglans regia 5164
Xanthomonas axonopodis
Manihot esculenta 6100
Phaseolus acutifolius, genetics 1517, 3740
Phaseolus vulgaris
genetics 1517, 2452, 3740
heritability 4864
linkage 3739
random amplified polymorphic DNA 3739
Xanthomonas campestris
Arabidopsis thaliana
gene mapping 11192
genetics 11192
Brassica napus
rape
genetic markers 7292
genetics 7292
Brassica oleracea
broccoli, artificial selection 10580
cabbages 1631
kale, gene expression 7279
Cyamopsis tetragonoloba 7211
Glycine max 8256
Mangifera indica 1752
Phaseolus vulgaris
genetics 10460
linkage 10462
random amplified polymorphic DNA 2451, 10462
Zinnia 3067
Xanthomonas oryzae
Oryza minuta 1405
Oryza sativa 1405, 2359, 2361, 4740, 5930, 9309
artificial selection 2363
gene expression 386
gene mapping 3631, 12404
genetic markers 3631
genetics 1417, 2362-2363, 3632, 4741-4742, 7057-7058, 8175, 12406
polymerase chain reaction 12405
restriction fragment length polymorphism 3631, 5931, 9310, 12404-12405
somaclonal variation 2360
Zea mays
gene mapping 10260
genetics 10260
Xanthomonas translucens, Triticum aestivum, genetics 171, 3355
Xanthomonas vesicatoria
Capsicum annuum
gene expression 5057
genetic transformation 5057
Lycopersicon esculentum, genetics 1663
Xanthophyll
Arabidopsis thaliana, mutations 1218
Capsicum annuum
gene expression 6148
nucleotide sequences 6148
Xenia
Mangifera indica 800
Secale cereale 4581
Xiphinema americanum
Brassica 5183
Brassica napus, rape 5183
Sinapis arvensis 5183
Xylanase
Hordeum vulgare
gene expression 1323
nucleotide sequences 1323
Volvariella diplasia 5477
Volvariella volvacea 5477
Xylem
Zinnia elegans
gene expression 12996
molecular genetics 12996
Xyloglucan endotransglycosylase
Arabidopsis thaliana
gene expression 3201
nucleotide sequences 3201
Lycopersicon esculentum, gene expression 12605
Xylose isomerase, *Hordeum vulgare,* nucleotide sequences 9163
Yeast artificial chromosomes
Arabidopsis thaliana 5545, 6633

Yeast artificial chromosomes *cont.*
Arabidopsis thaliana cont.
roots 4394
Oryza sativa 348, 4677
techniques 9955, 11881
Yield components
Abelmoschus esculentus
combining ability 1716, 2661, 3917, 10636
genetic variance 6169
heritability 1717, 8464
heterosis 1715, 10637
induced mutations 8463, 9587
multivariate analysis 10634-10635
Aegilops x *Triticum* 5653
nucleocytoplasmic interaction 5614
Allium cepa 12583
stability 3834
Amaranthus, heritability 7067
Arachis hypogaea 7504
artificial selection 2764
genotype environment interaction 2771
heritability 2768, 4076, 10813
multivariate analysis 10812
Avena nuda, somaclonal variation 4575
Avena sativa
artificial selection 1341
genotype environment interaction 2236, 10126
heritability 12299
Avena sterilis, heritability 12299
Beta vulgaris
sugarbeet
artificial selection 11863
polyploidy 12796
Brassica campestris
sarson
combining ability 7467, 7470, 12731
heritability 8576
heterosis 7470
toria
combining ability 12731
heterosis 7469
multivariate analysis 2740
turnip broccoli 1618
Brassica carinata, combining ability 2741, 2748
Brassica chinensis, heritability 8424
Brassica juncea
combining ability 2741, 4047, 8574, 9672, 12732
genetic variance 9672
genotype environment interaction 12732
heritability 1783, 4047, 8574
induced mutations 7450
Brassica napus
combining ability 2741
rape
combining ability 9671
genetic variance 9671
heterosis 1782, 9661, 9671
Brassica oleracea
cabbages, combining ability 7288
cauliflowers, heterosis 11633
Brassica pekinensis
genetic variance 2543
heterosis 2543
Cajanus cajan 10495
artificial selection 7194, 8338
combining ability 3773, 9477, 10498, 11574
genetic variance 9477, 10496, 10498
genotype environment interaction 12521
heritability 10496, 12520
heterosis 9478
inbreeding depression 9478
induced mutations 9472
multivariate analysis 9476
Callistephus chinensis, heritability 4265
Camellia sinensis, genotype environment interaction 8682
Cannabis sativa 10890
artificial selection 2909
Capsicum annuum 12621
artificial selection 9574
combining ability 9574-9575
genetic variance 9575
Yield components *cont.*
Capsicum annuum cont.
heritability 1682-1683, 2602, 11654, 12620
heterosis 9574-9575, 12620
Capsicum frutescens, heritability 1683
Carthamus tinctorius
combining ability 8600
heritability 8599
Cicer arietinum 2466
artificial selection 3767
combining ability 7190
genetic variance 3769, 6069, 7190
genotype environment interaction 7191, 12515
heritability 4876, 6069, 7188, 9458, 10485
heterosis 12514
multivariate analysis 7186, 7189, 8331
stability 12515
Cicer echinospermum, heterosis 12514
Cicer microphyllum 2466
Cicer reticulatum, heterosis 12514
Coffea canephora, artificial selection 11870
Colocasia esculenta
heritability 12570-12571
multivariate analysis 12572
Corchorus olitorius 8748
combining ability 4153
Crambe abyssinica, heritability 12777
Cucumis melo
combining ability 1694, 2618
heterosis 1694, 2618
Cucumis sativus
combining ability 2651
genetic variance 12637
heritability 3909, 11663
heterosis 2651
Cucurbita pepo, combining ability 10626
Curcuma longa, heritability 8919
Cyamopsis tetragonoloba, artificial selection 8362
Cynara scolymus, multivariate analysis 2560
Daucus carota
combining ability 2506
heterosis 2506
Elaeis guineensis
genetic variance 10801
heritability 10801
Eleusine coracana
artificial selection 10282
genetic variance 8126
heritability 10282
Eragrostis tef
dominance 12430-12431
epistasis 12431
heritability 12430
Eucalyptus globulus, heritability 965
Fagopyrum esculentum, multivariate analysis 8184
Glycine gracilis
genetic variance 6016
stability 10421
Glycine max 8266, 10419
artificial selection 9398
combining ability 8274, 9376
genetic markers 2421
genetic variance 4819, 6016, 8274, 9396
genotype environment interaction 7156
heritability 8275, 9376, 9396-9397, 11534
heterosis 7146, 8274, 8277, 12468
induced mutations 3706, 8261, 8276
multivariate analysis 2422
stability 10421
Glycine soja
combining ability 9376
heritability 9376
stability 10421
Gossypium, heterosis 7600
Gossypium arboreum
combining ability 7601
genetic variance 7601
stability 7604
Gossypium barbadense
combining ability 8731
Yield components *cont.*
Gossypium barbadense cont.
genetics 8724
genotype environment interaction 8732
heritability 8732, 10875
heterosis 8731
induced mutations 8724
multivariate analysis 10875
Gossypium hirsutum 9773
artificial selection 1868
combining ability 2886-2887, 8729, 8731, 11905
epistasis 7597
genetic variance 938-939, 2885, 8729, 8733
heritability 939, 2885, 8730, 10875
heterosis 940, 2888, 8731
multivariate analysis 7602, 10875
stability 9768
Guizotia abyssinica, heritability 7523
Helianthus, combining ability 1807
Helianthus annuus 9682
combining ability 1810, 7491, 8593
heterosis 849, 7491, 10786, 10791
induced mutations 7491
stability 9680
Heracleum candicans, heritability 13030
Hevea brasiliensis
combining ability 8772
heritability 2919
Hibiscus, multivariate analysis 12845
Hibiscus cannabinus
heritability 7613
multivariate analysis 12845
Hibiscus sabdariffa
combining ability 9776
genetic variance 9776
heterosis 7614
Hordeum spontaneum
genetics 2221
multivariate analysis 5663
Hordeum vulgare 8024
combining ability 3378, 6790, 12287
epistasis 8027
genetic variance 4553, 8030, 12287
genetics 2221
heritability 8027, 8030
heterosis 4556, 10103
linkage 8027
multivariate analysis 5663
stability 1326, 1328
Ipomoea batatas, genotype environment interaction 10564
Lagenaria siceraria
combining ability 3914
heritability 9586
Larix decidua
genetic distance 12908
random amplified polymorphic DNA 12908
Larix leptolepis
genetic distance 12908
random amplified polymorphic DNA 12908
Lathyrus sativus 10394
combining ability 8247
genetic variance 9359
heritability 9362, 10395
multivariate analysis 9361
stability 9359
Lens culinaris
combining ability 8326, 10475, 12512
genetic variance 8326
heritability 6062, 10477
heterosis 8325
Linum usitatissimum
flax
combining ability 6355
heterosis 6355
linseed
genetic variance 8587
genotype environment interaction 8590, 10783
multivariate analysis 4055
Luffa acutangula
heritability 12639
heterosis 3915
Lupinus albus, heritability 8244
Lycopersicon esculentum
genetic variance 1658, 8435, 11649

Yield components *cont.*
Lycopersicon esculentum cont.
genotype environment interaction 5025, 12608
heritability 2578, 8436, 10602
heterosis 3871-3872, 8435
multivariate analysis 6135
recombination 6135
Lycopersicon hirsutum, genetic variance 11649
Macroptilium atropurpureum, induced mutations 8246
Macrotyloma uniflorum
heritability 1557
stability 11590
Manihot esculenta
combining ability 10555, 12562
heterosis 10555
Medicago sativa, stability 3679
Momordica charantia 10632-10633
Musa, induced mutations 2707
Nicotiana tabacum
artificial selection 1847
combining ability 9743, 9745
genetic variance 8698, 9744
heritability 8698, 9745
heterosis 9743
Oryza sativa 12393
artificial selection 5910, 11403
combining ability 370, 3610, 4721, 11426
genetic variance 371, 4717, 4721, 10322
genetics 4712
genotype environment interaction 3598, 8169, 12399
heritability 3612-3613, 4712, 4718-4719, 5909, 8163, 10320, 10322, 12388-12389
heterosis 370, 2338, 3609-3611, 5891, 5893, 7037-7038, 8160, 11423, 11426
induced mutations 1406, 5908
multivariate analysis 4719, 7050, 9302, 11421, 11425
restriction fragment length polymorphism 4669, 5893
stability 4732, 8170, 12399
Panicum sumatrense, heritability 5858
Papaver somniferum
genetic variance 1990, 5458, 6532
heritability 7721
multivariate analysis 7720, 13029
Paspalum scrobiculatum
genetic variance 3667
genotype environment interaction 12429
heritability 3667
stability 12429
Pennisetum glaucum
combining ability 3563, 6990, 11395-11396, 12348, 12352
genetic variance 8123, 12344
genotype environment interaction 6992
heritability 325, 12350-12351
heterosis 6991, 11394, 12352
induced mutations 6990
Pennisetum pedicellatum
genetic variance 10281
heritability 10281
Pennisetum purpureum
genetic variance 12353
heritability 12350, 12353
Phaseolus vulgaris 4851, 6042
genetic variance 8306, 8308
genotype environment interaction 6045
heritability 3733, 6045, 8306, 8308
Pinus elliottii, heritability 2973
Pinus gerardiana, multivariate analysis 4193
Pinus roxburghii, heritability 1899
Pinus sylvestris, heritability 10962
Pinus taeda, clonal variation 10957
Pisum sativum 1527
combining ability 1526, 6059, 7179
genetic variance 9443, 10469
heterosis 7179
Populus deltoides
epistasis 5287

Yield components *cont.*
Populus deltoides cont.
genotype environment interaction 5288
heritability 5287-5288, 11937
Populus trichocarpa
epistasis 5287
genotype environment interaction 5288
heritability 5287-5288
Raphanus sativus 563
genetic variance 4943
heritability 4943
Ribes nigrum, heritability 759
Robinia pseudoacacia, heritability 981
Saccharum
combining ability 2784
multivariate analysis 2784, 5213
stability 8658
Saccharum officinarum 2790, 11852
genotype environment interaction 1834, 2786, 8660
heritability 4092, 7533, 12785
Saccharum robustum, multivariate analysis 7534
Secale cereale 3419
combining ability 3399
stability 3419
Secale × *Triticum,* gene location 6854
Sesamum indicum 7518
combining ability 1828
heritability 10819
heterosis 1828, 8611
multivariate analysis 12772
Sesbania sesban, multivariate analysis 447
Setaria italica
somaclonal variation 1390
stability 3559
Solanum khasianum
genetic variance 11062
heritability 11062
induced mutations 11062
Solanum laciniatum, heritability 8913
Solanum melongena
combining ability 3888, 8447
genetic distance 1675
genetic variance 1673
heritability 1673-1674, 1676
multivariate analysis 5048
Solanum tuberosum
combining ability 9505
heritability 3795
heterosis 9505, 12548
induced mutations 7221
somaclonal variation 7226
Sorghum bicolor 8110
artificial selection 1386
genetic variance 6966, 11379
genotype environment interaction 1386
heritability 2295, 6966, 10273
heterosis 6967
stability 11384
Sorghum sudanense 8110
Tectona grandis, genetic variance 5301
Theobroma cacao
combining ability 9713
heterosis 9713
multivariate analysis 6316
triticale
combining ability 6871, 6873
genotype environment interaction 6823, 6827
heritability 12304
multivariate analysis 2239, 6872
triticale × *Triticum*
backcrossing 12303
heritability 7876
Triticum, multivariate analysis 9131
Triticum aestivum 113, 2185, 5653, 12224
artificial selection 2156, 2184, 3325, 5632, 6694, 7886, 11235
backcrossing 6724
chromosome substitution 7967
combining ability 138, 2168, 3334-3336, 6733, 6735-6736, 7956, 7961, 7963, 9129, 12245
epistasis 2162, 5636, 7954-7955, 11257

Yield components *cont.*
Triticum aestivum cont.
genetic transformation 5631
genetic variance 2162, 3334, 3338, 4492, 5638, 7960, 7963, 7965, 7967, 9130, 11257, 12242, 12245-12247, 12274
genetics 8006
genotype environment interaction 6747-6748
heritability 1286, 2159, 3335, 5636-5638, 6731, 6736-6737, 7955, 7962, 11235, 11258, 12240, 12242
heterosis 3336, 4477, 6735, 7956, 7961, 7967, 12243
induced mutations 6713
multivariate analysis 2161, 4493, 6734, 7964, 7966, 9128
nucleocytoplasmic interaction 5614
reciprocal effects 2168
somaclonal variation 9133
Triticum dicoccoides, multivariate analysis 10056
Triticum durum
combining ability 1285
genetic variance 1284-1285
genotype environment interaction 2183, 3298
heritability 1284, 6725
induced mutations 6713, 6725
multivariate analysis 7959, 12239
Vicia faba
genotype environment interaction 1508
heritability 479
induced mutations 479
recombination 4848
Vicia sativa
genotype environment interaction 7109
heritability 7109
Vigna angularis
genetic variance 10514, 10516
genotype environment interaction 4892
heritability 10514
Vigna mungo
combining ability 2479
genetic variance 2479
heritability 10515
induced mutations 8356
multivariate analysis 1552, 10517
stability 3779
Vigna radiata 10513
artificial selection 2478
dominance 8355
epistasis 8355
genetic variance 9492
genetics 3778
genotype environment interaction 2478, 2482, 4890
heritability 1554, 11585
heterosis 7207
induced mutations 9491
multivariate analysis 10517
stability 2482, 9494
Vigna umbellata
combining ability 8361
genetic variance 8361
genotype environment interaction 524
induced mutations 12529
multivariate analysis 2477, 8357, 12529
Vigna unguiculata 516
combining ability 6075, 12525
dominance 12526
genetic variance 10502, 12524
heritability 515, 1542, 10502, 12524, 12526
heterosis 3776, 6075, 12525
Vitis vinifera, heritability 772
Zea, cytoplasmic inheritance 1370
Zea mays 3429, 9239, 10215
artificial selection 1350, 3433, 3442-3443, 3501, 8071, 10256, 11328, 11354
combining ability 253, 2273, 3472-3473, 3476, 6937, 8091, 9238, 10141, 10226
cytoplasmic inheritance 1370-1371

Yield components *cont.*
Zea mays cont.
genetic markers 10203
genetic variance 279, 3464, 3476, 3478, 8080, 10256, 11353
genetics 3436, 5697
genotype environment interaction 2271, 3490
heritability 3433, 3478, 8092-8093, 11351
heterosis 1350, 3438, 3475, 3516, 8097, 9238, 10141, 10226
inbreeding depression 3442
induced mutations 1366
multivariate analysis 8094
stability 279, 3496, 3505, 8098, 10245
Yield correlations
Abelmoschus esculentus 1717, 3916, 8464-8465
Allium sativum 4950
Arachis hypogaea 4076, 7504, 8606, 11838
Aster novi-belgii 7679
Atylosa × *Cajanus* 8340
Avena sativa 1341, 2231
Brassica campestris
sarson 8576
toria 2742
Brassica carinata 7468
Brassica juncea 836, 1783, 5178, 7466, 8573, 8575
Cajanus cajan 6073, 8341-8343, 10493, 10497
Cajanus platycarpus 9473
Camellia sinensis 12800
Capsicum annuum 1681, 2601, 6152, 12621
Carica papaya 12700
Carthamus tinctorius 5188, 8599
Cassia angustifolia 1108
Casuarina equisetifolia 5300
Chamomilla recutita 7719
Chlorophytum borivilianum 13028
Cicer arietinum 504, 7187-7188, 8332, 9457, 10482-10484, 10486
Colocasia esculenta 12569, 12571
Corylus avellana 11786
Cucumis sativus 3910, 11663, 12637
Cucurbita maxima 12634
Curcuma longa 5464
Cyamopsis tetragonoloba 8363
Daucus carota 4930
Elaeis guineensis 1816
Eleusine coracana 330, 3569, 8126-8127, 12354
Glycine max 464, 2421, 7145, 7147, 8275, 9395-9397, 11538
Gossypium 7596
Gossypium hirsutum 1870, 2885
Grevillea robusta 1892
Helianthus annuus 851, 10797
Hevea brasiliensis 2918, 8771
Hibiscus cannabinus 7613
Hordeum vulgare 1328, 9166
Lablab purpureus 12533
Lagenaria siceraria 9586
Lathyrus sativus 9361, 10395, 12451
Lavandula angustifolia 4312
Lens culinaris 3765-3766, 6062, 10476
Linum usitatissimum
flax 12839
linseed 8588, 12839
Luffa acutangula 12639
Lupinus albus 8244
Lycopersicon esculentum 606, 1659-1660, 2562, 7316, 8436, 10602, 12606
Macrotyloma uniflorum 1557, 3781
Nicotiana tabacum 9745
Oryza sativa 370-371, 1411, 2339, 2342-2343, 3609, 3612, 4718, 4720, 5908, 7039, 8161-8163, 9301, 10321, 11421-11422, 11424, 12383, 12386-12388
Papaver somniferum 13029
Parthenium argentatum 11917
Paspalum scrobiculatum 3667
Pennisetum glaucum 327, 3566-3567
Phaseolus vulgaris 7170, 8305-8308, 10454, 10456-10457
Yield correlations *cont.*
Phaseolus vulgaris cont.
mathematics 2449
Phleum pratense 10366
Pinus elliottii 2973
Pinus sylvestris 10962
Pisum sativum 1528, 3755, 7180, 10470
Podophyllum hexandrum 12036
Populus deltoides 11936
Prunus, apricots 723
Prunus armeniaca 672
Saccharum 2783, 5213
Saccharum officinarum 2790, 10828-10829, 11854-11855
Sesamum indicum 862, 6294, 7518, 10819
Setaria italica 2304, 4641
Solanum melongena 1674
Solanum tuberosum 2497, 3795, 4913-4914
Sorghum bicolor 2296, 5850, 6966, 10273-10274, 11378, 11380
Swertia chirayita 1991
Tanacetum cinerariifolium 6542
Trigonella foenum-graecum 11071-11072
triticale 2238-2239, 12304
Triticum aestivum 2158-2160, 3337, 5637-5638, 6732, 6761, 7957, 7961-7962, 9152, 11258, 12236, 12241, 12244
Triticum durum 129, 4470, 6725
Vicia faba 9427
Vicia sativa 7109
Vigna angularis 10514
Vigna mungo 10515, 12531
Vigna radiata 522-523, 2476, 3777, 8359-8360, 10513
Vigna subterranea 1553
Vigna umbellata 12530
Vigna unguiculata 1543, 2472, 4883, 8349, 10503
Zea mays 3474, 4607, 5807, 8092, 9239, 10225, 10235, 11358
Yields
Aegilops × *Triticum*, genetics 5655
Arachis hypogaea, stability 6277
Asparagus officinalis, artificial selection 4972, 6125
Brassica, stability 8580
Brassica campestris
sarson, inbreeding depression 7433
toria, inbreeding depression 7433
Brassica juncea 7458
genetics 7459
heritability 7459
induced mutations 6244
Brassica napus, rape 835
Brassica oleracea, cauliflowers, heterosis 3835
Bromus inermis, combining ability 420
Capsicum annuum 10616
heterosis 630, 7329
Cicer arietinum 1537
Corchorus capsularis 10887
Corchorus olitorius 10887
Cucumis sativus, artificial selection 6165
Glycine max 9389
artificial selection 4813
genetic markers 9394
genetics 9394
heritability 8251
stability 9404, 10427
Gossypium barbadense
artificial selection 8736
genotype environment interaction 8736
heritability 8736
Gossypium hirsutum 2880
combining ability 12834
heterosis 12833
stability 2893, 2895
Helianthus annuus, artificial selection 2752
Lespedeza cuneata, stability 3690
Leymus angustus 1438
Linum usitatissimum, linseed, combining ability 8589
Lycopersicon esculentum 5001, 12185
Oryza sativa 5871, 5907
artificial selection 10287
stability 8168
Yields *cont.*
Pennisetum glaucum
cytoplasmic inheritance 9275
nucleocytoplasmic interaction 9275
Pisum sativum, artificial selection 2457
Prunus armeniaca 717
Prunus avium 11720
Saccharum officinarum, artificial selection 8655
Sesamum indicum, combining ability 863
Solanum chacoense, artificial selection 2492
Solanum tuberosum 11594
artificial selection 2492, 3783
Sorghum bicolor 1385
Triticum aestivum 5605
artificial selection 3337, 5602, 7949, 9124
genetics 5655
genotype environment interaction 3337, 4505, 5635
genotype mixtures 7983
heterosis 9121
stability 10070
Vicia faba, heterosis 4846
Vicia sativa, stability 8240
Vigna unguiculata 4887
combining ability 8350
Zea mays 3432
artificial selection 3428, 3440-3441, 3444
combining ability 259, 280, 2277, 3457, 3477
genetic distance 3456
genetic variance 3439
heterosis 3439, 3456-3457, 3477, 3479, 5804
stability 3471, 3488-3489, 3504, 5825
Zabrotes subfasciatus*, *Phaseolus vulgaris 489
***Zamia acuminata*, chromosome morphology** 5326
***Zamia cunaria*, chromosome morphology** 5326
***Zamia integrifolia*, sex** 1034
***Zamia ipetiensis*, chromosome morphology** 5326
***Zamia manicata*, chromosome morphology** 5326
Zantedeschia
chimaeras 6494
embryo culture 4277
polyploidy 4277, 6494
Zantedeschia aethiopica
anther culture 1084
haploidy 1084
***Zanthoxylum piperitum*, terpenoids** 13038
Zea
chromosome number 3487
chromosome pairing 3487, 10165
cytoplasmic inheritance, yield components 1370
development 9261
DNA methylation, evolution 1353
evolution 3487, 9261
genetics
flowers 5769
phlobaphene 5769
inflorescences 9261
meiosis 10243
microsatellites, phytoene synthase 2247
molecular genetics, phylogeny 1375
nucleotide sequences, phytoene synthase 2247
restriction fragment length polymorphism 10240
taxonomy 10243
Zea diploperennis
cold resistance 12334
Diatraea grandiosella 10265
domestication 10265
enzymes 12334
insects 10265
interspecific hybridization 10243
Striga hermonthica 8105
tissue culture 5810
Ustilago zeae 10262
***Zea luxurians*, interspecific hybridization** 10243
Zea mays
abnormal development 5775

Zea mays cont.
abscisic acid 5756
ACC 2279
accessory chromosomes 265, 1360, 5740, 9211, 10176-10178
acetochlor 4620
acridine orange 10169
alachlor 9260
altitude 10176-10177
aluminium 2280, 3498, 9249, 10251
amino acids 286
ammonium 6946
amylose 12330
aneuploidy 5738, 10182
quantitative traits 2262
anther culture 281, 2272, 5811, 6938, 9240, 10231-10232, 12315
anthers 9214
apomixis 1362, 10192-10194
artificial selection 1349, 2241, 3424, 9202, 10225, 11161, 11331
abscisic acid 2265, 5748, 10209
colour 11347
development 5786, 10197, 11347
diseases 5833
drought resistance 4612, 10253-10254
Gibberella fujikuroi 3441, 3522
growth period 4612
growth regulators 5748, 10209
Helicoverpa zea 3531
leaves 11347
lodging 1350, 5786, 6931
maize chlorotic mottle machlomovirus 3527
oils 8096
prolificacy 3470-3471, 5759
quantitative traits 5700
ribulose-bisphosphate carboxylase 10197
roots 6931
soil pH 112, 302, 3512
soil water 3517
temperature 9251
waterlogging 3517
yield components 1350, 3433, 3442-3443, 3501, 8071, 10256, 11328, 11354
yields 3428, 3440-3441, 3444
ascorbate peroxidase 11363
Aspergillus flavus 11365
Atherigona 2286
atrazine 10170
Azospirillum 11359
backcrossing 3425
bentazone 10185
biosafety 5711
biotechnology 3453
Blissus leucopterus 3529
breeding 230-233, 2242, 2244, 3426, 3429-3430, 3434-3435, 3453, 4455, 5701, 6903, 10138, 10140
conferences 4327-4328
history 1376, 3427, 6902, 6920, 8070
Busseola fusca 309
butylate 4620
carbohydrates 11363
catalase 297, 11363
cell division 9190, 9207, 10174
centromeres 265
Cercospora zeae-maydis 4615
Chilo partellus 2286, 5839-5840
reviews 8103
chlorophyll 2269, 11350
chloroplast genetics 8073
phylogeny 11214
chloroplasts 300
chromosome aberrations 5742, 5746, 6922, 10169
colour 9205
chromosome addition, apomixis 4599
chromosome breakage 5741, 5746
chromosome morphology 2261, 10183, 12317
chromosome number 2261, 3487
chromosome pairing 3487, 5740, 5743, 9204
chromosome translocation 10173
apomixis 4600
pollen germination 268
chromosome transmission 1360, 9211
cloroxine 10169

Zea mays cont.
Cochliobolus heterostrophus 3519
cold resistance 300-301, 2279, 3515, 4529, 4611, 4613, 9250, 11362-11363, 12331, 12333-12334
plastoquinone 10257
combining ability 251, 6919, 10140
anther culture 2273
Aspergillus flavus 10259
carotenoids 285
Cephalosporium maydis 6948
diseases 9253
forage 5808
Gibberella zeae 11367
lodging 3472
lysine 283
oils 2277
precocity 10204
proteins 2277
quality 5820
quantitative traits 5700
yield components 253, 2273, 3472-3473, 3476, 6937, 8091, 9238, 10141, 10226
yields 259, 280, 2277, 3457, 3477
competitive ability 3493, 3499
crop density 3495, 3503, 8081, 9248, 11357
crossing over 9204
cryopreservation 4596
cytology 260
cytomixis 6925
cytoplasmic inheritance, yield components 1370-1371
cytoplasmic male sterility 258, 267, 2263, 8081, 9209, 12318
2,4-D 3480
development 235, 4603, 9223, 10193, 12329
diallel analysis 7772, 8080, 8091
Diatraea grandiosella 8104, 10265
Diatraea saccharalis 3533, 8104
digestibility 1372, 3503, 10234
diseases 6947
DNA 3461, 4598, 12316
DNA fingerprinting 8075, 10148-10149
DNA hybridization 241
heat shock 2283
DNA methylation 9197, 10184
colour 5793
DNA binding proteins 9198
seeds 5793
transposable elements 5728, 5732
domestication 5822-5823, 10032, 10265
drought resistance 298, 2282, 3489, 3507, 3510, 3513-3514, 3518, 5829, 8099, 8101, 9233, 10209, 10252, 11361, 12332
embryo culture 3480, 5809, 10227
endophytes 9085
endosperm 284, 1373, 5819, 10238
enzymes 9250, 12331, 12333-12334
epistasis, quantitative traits 5760
Erwinia chrysanthemi 9254
ethyl methanesulfonate 5764, 5778, 8087, 10201, 10208
ethylene 9209
evolution 2261, 3487, 5821, 6940-6941, 10240, 10244
experimental design 3493, 11328
farm inputs 6945
fatty acids 9242
fertilization 3462, 10189-10190
flavones 4619
fluorescence *in situ* hybridization
cell division 5745
pollen 1361
forage 282, 3482, 10225
Fusarium 5831
gamma radiation 1366, 3459, 8087, 10167-10168, 10220-10221, 10228
gene banks 5702-5703, 10139
gene dosage 5747
branching 5767
enzymes 9220
homeobox 9193
proteins 3485
starch 9220
sucrose synthase 9193
gene expression 3188, 3450, 3452, 6924, 8073, 8095, 9192

Zea mays cont.
gene expression *cont.*
abscisic acid 6910, 9082, 10200, 12192
actin 266
adenosinetriphosphatase 1364
alcohol dehydrogenase 3508, 5569, 11342
α-amylase 10107
β-amylase 9186
annexins 5705
anoxia 3508, 5569, 5826-5827
anthocyanins 294, 9201, 9231, 9236
calcium 3511
cell cycle 245, 9188
cell division 6923
chitinase 10210
cold resistance 8100
colour 293, 5709
cycloheximide 8100
cytochrome-*c* oxidase 10152
death 12092
development 5766, 11340, 12176
diseases 12092
DNA binding proteins 5710, 9198, 9201, 9231, 10160, 11340
endosperm 5776, 6915, 11344, 12176, 12314
ferredoxin 12320
flavonoids 293
formaldehyde dehydrogenase (glutathione) 12312
β-fructofuranosidase 248, 1363
germination 10199
globulins 6910
glutamate-ammonia ligase 6916
glutathione transferase 9219
glyceraldehyde-3-phosphate dehydrogenase 5827
glycoproteins 11335
growth regulators 6910, 9082, 10200, 12192
habit 6940
heat shock 2283
heat shock proteins 3509, 9252, 10219, 10247-10250
heterosis 4462
isoenzymes 6933
lactate dehydrogenase 5826
leaves 1254
ligules 6930
lipoxygenase 6933
methyltransferases 12313
mitochondria 3451
nitrogen 8085, 10246
nutrients 8085, 10246
oleosins 6912
phosphate translocator 8074
phosphoenolpyruvate carboxylase 5441, 11337
phytase 6911
phytoalexins 2300
phytoene synthase 6917
plant embryos 3288, 11346
pollen 266, 3509, 8083
protein kinase 3449, 3511, 9200, 11334
ribosomes 8083
ribulose-bisphosphate carboxylase 1365
seeds 8085
starch 269, 11344
starch branching enzyme 9187
starch synthase 11352
stress 3511
sucrose synthase 248, 1363, 11340
transcription factors 6913
transposable elements 257, 5710, 5725, 5727, 5730, 5736, 6918, 7829
viruses 6923
vivipary 9201
zein 2256, 5715, 5757, 5789, 6928, 12314
gene location 256
colour 10216
development 9228
diseases 304
leaves 9228
maize dwarf mosaic potyvirus 4618
maysin 6950

Zea mays cont.
gene location *cont.*
pests 304
seeds 10216
vivipary 9208
gene mapping 107, 1355, 1357, 5723-5724, 5735, 9199, 10029, 10271
abscisic acid 9233-9234
anthocyanins 1352
apomixis 4600
chromosome pairing 10186
Cochliobolus carbonum 5835
cytoplasmic male sterility 5754
development 5800
DNA repair 10181
drought resistance 1377
endosperm 5818
flowering 12319
growth regulators 9233-9234
habit 5758
height 10208
Helicoverpa zea 9258-9259
hydroxamic acids 11339
leaves 5758, 5764, 5773-5774, 10211
lysine 5818
maize mosaic nucleorhabdovirus 12336
male sterility 5751, 5753, 9212
malic enzyme 10150
maysin 9258-9259
necroses 9255
phosphoric monoester hydrolases 10155
plant embryos 11346
pollen 5753
pollen competition 4601
protein kinase 10155
Puccinia sorghi 10260
quantitative traits 2252, 12311
repetitive DNA 5716
seeds 5758, 5781
Xanthomonas oryzae 10260
genetic distance, yields 3456
genetic engineering
adenosinetriphosphatase 2255
anthocyanins 11338
colour 5784
globulins 6910
heat shock proteins 9252
lysine 9241
naringenin-chalcone synthase 5784
oleosins 6912
phosphoenolpyruvate carboxylase 11337
pollen 5784
proteins 12186
seeds 9241
transposable elements 4549, 7829
zein 5757, 9241, 12186
genetic markers 1260, 5706, 5721, 10157, 10163, 11331, 12309
abscisic acid 5599
apomixis 5843
chromosome translocation 5747
Diatraea grandiosella 10264
Diatraea saccharalis 2288, 10264
drought resistance 10255, 10264
growth regulators 5599
microsatellites 1358
morphology 10203
quantitative traits 2266
recombination 1359
stress 5599
yield components 10203
genetic resources 3434-3435, 4455, 5809, 5815, 8068, 10137, 10176-10177
genetic transformation 240, 247, 2077, 2253, 3448, 4385, 5708, 5711, 5714, 5718, 9192, 9195-9196
Agrobacterium tumefaciens 1176
α-amylase 10107
avidin 12310
Bacillus thuringiensis 9257, 11369
Diatraea grandiosella 11369
endosperm 253, 6915
glufosinate 10145
glycoproteins 11335
insects 9257
lysine 253
Ostrinia nubilalis, Bacillus thuringiensis 24

Zea mays cont.
genetic transformation *cont.*
pesticides, *Bacillus thuringiensis* 24
reviews 9191
Spodoptera frugiperda 11369
zein 2256
genetic variance
Cephalosporium maydis 6948
growth period 3439, 3468, 6934
height 3439
maize rough dwarf fijivirus 3524-3525
nutritive value 2274
Peronosclerospora sorghi 1380
prolificacy 12323
proteins 3481
quality 5820
quantitative traits 5760
seeds 3481
yield components 279, 3464, 3476, 3478, 8080, 10256, 11353
yields 3439
genetic variation, mathematics 8069
genetics 243, 256, 4593, 5735, 10161
abnormal development 10222
abscisic acid 2265
accessory chromosomes 3461
aluminium 11360
anthers 5755
anthocyanins 5777, 5802, 8084, 9236
aroma 10198
Cercospora zeae-maydis 1379
colour 5770, 5772, 5780, 5793, 5799, 10216, 10223
computer programming 254
cytoplasmic male sterility 5750, 9213, 9216
databases 5734
development 3469, 6936, 9226
DNA 10172
embryo sac 9203
endosperm 3484, 10213, 10233, 10237
β-fructofuranosidase 276
Gibberella fujikuroi 305
Gibberella zeae 2284
height 271, 5803, 10212
Helicoverpa zea 5841, 9259
inflorescences 271, 1367, 9221, 10218, 10222
isoenzymes 10258
leaves 270, 3469, 5801, 9226, 9232, 10214
ligules 6935
maize dwarf mosaic potyvirus 4618
male sterility 5752, 6926
maysin 5841, 9259
morphology 10217, 10244
nomenclature 5733
pollen 5802
proteins 274, 3485, 10233
Puccinia polysora 10263
Puccinia sorghi 307, 10260, 10263
quantitative traits 5575
seeds 5778, 5793, 10216
Setosphaeria turcica 10258
spikelets 10218
toxic substances 11360
variegation 4605
waxes 252, 9232
Xanthomonas oryzae 10260
yield components 3436, 5697
zein 2276, 3484
genotype environment interaction
drought resistance 303, 10253-10254
flowering 2267
growth period 2267
height 2267
mathematics 7773, 8962
moisture content 11348
quantitative traits 4601
yield components 2271, 3490
genotype mixtures 3494, 3499
germination 6922, 11362
Gibberella fujikuroi 306, 3520-3521, 3523, 11364
Gibberella zeae 306, 3520, 3523, 4616-4617, 5832, 5834, 11366, 12335
gibberellic acid 6924
gibberellins 5756
glutathione transferase 9260

Zea mays cont.
growth period 234, 236, 3426, 3494, 3520, 6920, 9248
growth regulators 3480, 4603, 5756, 6924, 9209
haploidy 271, 3460, 5744, 10175, 10185, 10187, 12315
heat resistance 3507
height 11357
Helicoverpa zea 310, 3532, 4619
herbicides 1382, 2289, 4620, 5739, 6951, 9207, 9260, 10170, 10185, 11222, 11373
heritability
abscisic acid 9233
growth period 6934
growth regulators 9233
inflorescences 11345
nutritive value 2274
Peronosclerospora sorghi 1380
prolificacy 12323
quality 1374
yield components 3433, 3478, 8092-8093, 11351
heterosis 6920
development 8090
forage 5808
growth period 3439
height 3439
isoenzymes 2260
leaves 8090
lodging 1350
plant embryos 5804
proteins 5804-5805
quality 8097
yield components 1350, 3438, 3475, 3516, 8097, 9238, 10141, 10226
yields 3439, 3456-3457, 3477, 3479, 5804
heterozygosity 295
mathematics 9202
homidium bromide 10169
homozygosity 3460
hybrid seed production 258, 267, 2259, 2263, 4594
hybrid varieties 238, 267, 2108, 2242-2243, 2245-2246, 3426, 3432, 3458, 5825, 11330
hybridization 4595
imazethapyr 11373
in situ hybridization 4590
in vitro culture 3462
in vitro selection
cold resistance 299
drought resistance 5828
stress 5828
tryptophan 11355
inbreeding 10175
inbreeding depression
development 5785
morphology 5785
statistics 9183
yield components 3442
induced mutations 259, 3459, 10167-10169
chlorophyll 10220
height 10208
leaves 5764
photosynthesis 8087
plant pigments 8087
roots 10201
tillering 10221
tissue culture 10228
yield components 1366
insects 6901, 10265
interspecific hybridization 10165
iron 2281
irrigation 6945
isoenzymes 9260
lasers 10169
leaves 8088, 9224
light 8088
lignin 10234
linkage 10162
colour 9215
glycine dehydrogenase (decarboxylating) 5836
Helicoverpa zea 5841
male sterility 9215
maysin 5841
Puccinia sorghi 5836

Zea mays *cont.*
linkage *cont.*
transposable elements 2258
lodging 4602
lysine 284, 5819, 10238
male sterility 10191
maternal effects
aneuploidy 261
colour 5793
seeds 5793
meiosis 263, 4596, 5742, 10178
Meloidogyne incognita 3528
Meloidogyne javanica 308
mercaptopurine 10169
microsatellites 2251
mitochondrial genetics 103, 5724, 10159
adenosinetriphosphatase 9194
cytoplasmic male sterility 10196
NADH dehydrogenase (ubiquinone) 9194
moisture content 1369
molecular genetics 244, 2254, 3188, 5720, 10146-10148, 10154, 10156
acetyl-CoA carboxylase 5717, 5795
alcohol dehydrogenase 5821
calcium 8963
DNA binding proteins 5707, 10160
DNA repair 10181
endosperm 5776, 5821
evolution 10241
β-fructofuranosidase 1363
malic enzyme 10150
protein kinase 9200
proteins 5712, 11332
repetitive DNA 5722
retinoblastoma 9190
RNA polymerase 10151
stress 8963
sucrose synthase 1363
transposable elements 246, 2249, 4591-4592, 5729, 8076, 8078-8079
waxes 9222
monodehydroascorbate reductase 11363
mulching 11358
multivariate analysis
quantitative traits 5761
statistics 11329
yield components 8094
mutagens 5764, 5778, 8087, 10169-10170, 10174, 10201, 10208
mutations 280, 10161
abnormal development 10222
abscisic acid 9082, 10200
anthers 9206, 10205
anthocyanins 5788
aspartate kinase 5817
books 11113
branching 5767
cell division 9206
chlorophyll 9235
chloroplasts 1365
colour 5780, 5797, 5799, 9235, 9256, 10216, 10223
databases 10171
development 278, 2270, 3465, 4606, 5765, 5779, 5792, 6936, 8086, 9217, 9227-9228, 10205, 12322, 12324
DNA 9206
embryo sac 9203
endosperm 3463, 5788, 5791, 5812, 10213, 10224, 10236-10237
enzymes 9220
flavonoids 250
flowers 3465, 9227
fluorescence 5771
germination 5762
globulins 4608
growth regulators 9082, 10200
habit 5758, 5796
height 5811, 10212
hermaphroditism 10195
hydroxycinnamic acid 111
inflorescences 9221, 10222, 11343
iron 3491
leaves 239, 275, 1254, 2270, 5758, 5771, 5773-5774, 5783, 8086, 9228, 9232, 9235, 9237, 10207, 10211, 10214, 12142, 12322, 12324

Zea mays *cont.*
mutations *cont.*
lignin 111, 6927, 10202
ligules 6935
lysine 5812
male sterility 5811, 6926, 9214, 9217
meiosis 262
necroses 9256
nutrients 3491
photosynthesis 1365
plant composition 12321
plant embryos 278, 5779, 5792, 5798
plant hairs 5763
pollen 9217
Puccinia sorghi 307
receptor kinases 239
roots 2268, 5782
seeds 5758, 5778, 5781, 10216
starch 291, 9220, 12329
starch synthase 5768, 11352
stomata 2264
sucrose 275
sucrose synthase 10206
synaptonemal complex 4597
transposable elements 4589, 5771
ultrastructure 5791
variegation 4605
vascular system 275, 12142
vigour 3463
vivipary 9208, 12321
waxes 9222, 9232
zein 4589, 5817, 9225, 10236
zinc 3491
mycotoxins 5831, 11364
natural selection 5823
neutron radiation 10220-10221
nickel 1378
nitrates 9246
nitrogen 3501, 5824, 6942, 6944, 6946, 9245, 9247, 11370-11371
nitrogen fixation 9085, 11359
nitrous oxide 10174
nucleocytoplasmic interaction, tissue culture 10229
nucleotide sequences 9087
abscisic acid 10200
actin 266
adenosinetriphosphatase 1364
β-amylase 9186
annexins 5705
anoxia 5827
catalase 10242
cell cycle 245, 9188
cell division 6923
colour 293
cystatin 1354, 2248
DNA binding proteins 6914
ferredoxin 12320
flavonoids 293
formaldehyde dehydrogenase (glutathione) 12312
globulins 4608
glyceraldehyde-3-phosphate dehydrogenase 5827
growth regulators 10200
histone deacetylase 11333
hydroxamic acids 11339
isoenzymes 6933
leaves 239
ligules 6930
lipoxygenase 6933
methyltransferases 12313
microsatellites 5713
phosphate translocator 8074
phytase 6911
phytoene synthase 6917
plant embryos 11346
pollen 266, 8083
protein kinase 3449, 11334
receptor kinases 239
ribosomes 8083
starch branching enzyme 9187
superoxide dismutase 249
transcription factors 250
uroporphyrinogen-III methyltransferase 2250
viruses 6923
nutrients 3498, 3500-3501, 5824, 6942, 6944, 6946, 9245-9247, 11370-11371
nutritive value 289, 6939

Zea mays *cont.*
oils 290, 3486, 10239
Ostrinia nubilalis 311, 5838
oxadiazon 10170
oxyfluorfen 10170
parthenogenesis 10187, 10194
pendimethalin 10170
Peronosclerospora sorghi 11368
peroxidases 5790
pests 6947
Phaeosphaeria maydis 10261
Phaseolus vulgaris, crop mixtures 1516
phenolic compounds 2272
phosphorus 3498, 6944
photosynthesis 5829, 11350
phylogeny 10195
catalase 10242
plant composition 2275, 3530
plant introduction 4588
plasmids 10159
pleiotropy
habit 5758
inflorescences 1367
leaves 5758
seeds 5758
pollen 10188-10189
pollen competition 9211
pollen germination 10188
pollination 5748
polyembryony 8082
polymerase chain reaction 10153, 11161
drought resistance 10255
transposable elements 5731
polymorphism
accessory chromosomes 3461
isoenzymes 1260, 8089
peroxidases 9230
polyploidy 10190
potassium 6944
prolificacy 231, 9223
proline 5830
proteins 286, 292, 301, 3483, 4610, 10215, 10239
databases 1368
quality 287-290, 292, 1373, 2275, 3466, 3483, 3486, 5814-5815, 9244, 10235, 10238, 11356, 12326-12327, 12330
random amplified polymorphic DNA 11336
accessory chromosomes 6921
apomixis 4600
cytoplasmic male sterility 5749
heterosis 10158
maize dwarf mosaic potyvirus 2285
roots 2268
seed testing 4450
reciprocal effects
accessory chromosomes 264
Aspergillus flavus 10259
quality 5820
recombination 240
colour 9229
Puccinia sorghi 8102
transposable elements 5726
repetitive DNA 241, 9087
restriction fragment length polymorphism 242, 256, 1357, 5706, 5721, 9202, 10240, 12309
abscisic acid 9233-9234
alcohol dehydrogenase 11342
aluminium 4614
anthocyanins 1352
apomixis 4600
casein kinase 5719
chromosome pairing 10186
Cochliobolus carbonum 5835
cytoplasmic male sterility 5754, 10196
development 5765
drought resistance 1377
flowering 12319
forage 11349
growth regulators 9233-9234
height 10208
Helicoverpa zea 9258
inbreeding 8077
maize mosaic nucleorhabdovirus 12336
male sterility 5751, 9212
maysin 6950, 9258

***Zea mays* cont.**
restriction fragment length polymorphism *cont.*
quality 9243
quantitative traits 2252, 10252
recombination 1356
toxic substances 4614
variety classification 12308
rimsulfuron 1382, 6951
roots 301
salinity 296, 5830
seed testing 273
seedlings 3515
seeds 1369, 2275, 3466, 3520, 4603, 4609, 6929, 9224
Setosphaeria turcica 306
silage 3492, 3494, 4586, 6901, 6906, 6939, 9248, 12307
Sitophilus zeamais 6949
Sitotroga cerealella 1381
snow moulds 4529
soil compaction 3497
soil pH 2278, 2280-2281, 3446, 3498, 3516, 10256, 11328
soil toxicity 4598
soil types 9248
somaclonal variation 9240
aluminium 11360
development 5794
leaves 5794
stems 5794
toxic substances 11360
sowing date 3502, 3520, 3526, 5807
Spodoptera frugiperda 2287, 3530
stability 295, 1376, 6943
mathematics 277
temperature 9251
yield components 279, 3496, 3505, 8098, 10245
yields 3471, 3488-3489, 3504, 5825
starch 10239, 12326-12327
stomata 5806, 11361
storage
pollen 3437, 4596
seeds 6922
stress 6947, 11370
Striga hermonthica 5842, 11371
superoxide dismutase 297
synthetic varieties 232, 3431, 6903
statistics 5698-5699
techniques
chromosomes 10180
DNA 10179
temperature 9218
texture 284
tillage 3506
tissue culture 296, 4606, 5790, 5830, 8095, 10230, 11355
toxic substances 1378, 2280, 3498, 6946, 9249, 10251
translocation 9218, 9245
transposable elements 255, 3455, 6323
chromosome translocation 5747
trichothecenes 12335
trifluralin 5739, 9207
tryptophan 9244
unreduced gametes 5739
Ustilago zeae 306, 10262
variety classification 3467, 4604, 9224
variety trials 234-237, 2244, 3445, 3506, 4585-4588, 6674, 6901, 6904-6908, 8072, 10018, 10142-10143, 12306-12307
mathematics 7773, 8962
viruses 3526
vivipary 5756
water balance 8101, 9249
waterlogging 297, 3500
waxes 11365
weeds 11370
wide hybridization 1350, 4593
yield components 3429, 9239, 10215
yield correlations 3474, 4607, 5807, 8092, 9239, 10225, 10235, 11358
yields 3432
zein 4604, 11356, 12328
techniques 12325
popcorn
genetic resources 8067
growth period 8067
morphology 8067

***Zea mays* cont.**
popcorn *cont.*
varieties, Pearl Popcorn 1351
sweetcorn
chromosome morphology 5737
development 5787, 6932
genetics
peroxidases 5813
quality 5813
seeds 272
herbicides 11372
heterosis 10166
imazethapyr 11372
random amplified polymorphic DNA, sugars 5816
seeds 6932
twinning 11341
varieties 2123, 2243, 2246, 6674, 10018
ICA Sikuani V110 3446
Knezha Zp678 238
KS85 9184
Ksheeramrutha 10144
Mairana-45 3447
Paras 11330
Porumben' 170ASV 3426
RIK301MV 2245
Volasoa 9185
Yuyu-20 6909
ZPSK704 2242
ZPTK196 2242
Zea parviglumis
Diatraea grandiosella 10265
domestication 10265
insects 10265
interspecific hybridization 10165
Zea perennis
interspecific hybridization 10243
Ustilago zeae 10262
***Zea* × *Avena*,** intergeneric hybridization 9189
***Zea* × *Elymus* × *Triticum*,** intergeneric hybridization 2257
Zea* × *Tripsacum
chromosome addition 1362
intergeneric hybridization 1362, 4599-4600, 5837, 9210, 10164
***Zea* × triticale,** intergeneric hybridization 6840
***Zea* × *Triticum*,** intergeneric hybridization 1277, 2143, 3311, 4479, 6686, 7929, 12206-12207, 12222
Zeatin, *Populus nigra,* molecular genetics 4168
Zeatin riboside, *Pisum sativum,* mutations 6058
Zeatin *O*-xylosyltransferase
Nicotiana tabacum, genetic transformation 12485
Phaseolus vulgaris
gene expression 12485
nucleotide sequences 12485
Zeaxanthin, *Arabidopsis thaliana* 9014
Zein
Lotus corniculatus, genetic transformation 12186
Medicago sativa, genetic transformation 12186
Nicotiana tabacum
gene expression 2256, 5757
genetic transformation 5757, 12186
Zea mays 4604, 11356, 12328
gene expression 2256, 5715, 5757, 5789, 6928, 12314
genetic engineering 5757, 9241, 12186
genetic transformation 2256
genetics 2276, 3484
mutations 4589, 5817, 9225, 10236
techniques 12325
Zeiraphera canadensis*, *Picea glauca 2980
***Zeuxine strateumatica*,** genetic variation, isoenzymes 9860
Zinc
Brassica juncea 12735
Brassica napus, rape 12735
crops 3352
Festuca rubra 10357
Oryza sativa
combining ability 3606
genetic variance 3606

Zinc *cont.*
Secale × *Triticum,* chromosome translocation 12212
Sorghum bicolor 6972, 8116
Triticum aestivum 154-155, 3352, 4506, 9155, 12266
chromosome translocation 12212
Triticum durum 154-155, 4506, 9155, 12266
Zea mays, mutations 3491
Zingiber gulinense, taxonomy 9889
Zingiber officinale
chromosome morphology 13036
ovule culture 11075
Phyllosticta zingiberi 1117
pollination 11073
Pythium 1118
tissue culture 7727, 11073, 13037
variety classification
isoenzymes 1995
peroxidases 1995
Zinnia
Alternaria zinniae 3067
Erysiphe cichoracearum 3067
Xanthomonas campestris 3067
Zinnia angustifolia
backcrossing 3067
interspecific hybridization 3067
Zinnia elegans
gamma radiation 12983
gene expression
cinnamate 4-monooxygenase 4253
cinnamyl-alcohol dehydrogenase 9832
tubulin 6469
xylem 12996
induced mutations
colour 12983
morphology 12983
molecular genetics, xylem 12996
nucleotide sequences
cinnamate 4-monooxygenase 4253
cinnamyl-alcohol dehydrogenase 9832
tubulin 6469
Zinnia marylandica
backcrossing 3067
interspecific hybridization 3067
Zinnia violacea
backcrossing 3067
interspecific hybridization 3067
Zizania caduciflora
genetic resources 2370
variety classification 2370
Zizania palustris
breeding 11454
embryo culture 7068
Ziziphus mauritiana
backcrossing, *Carpomyia vesuviana* 10756
pollen 11779
Ziziphus sativa
multivariate analysis, quantitative traits 2727
tissue culture 8544
varieties 2723
***Zoysia, in vitro* selection,** salinity 5971
Zoysia japonica
interspecific hybridization 10364
photosynthesis 10364
temperature 10364
tissue culture 4246
Zoysia matrella
interspecific hybridization 10364
photosynthesis 10364
temperature 10364
Zucchini yellow mosaic potyvirus
Cucumis melo
genetic transformation 12631
genetics 7336
Cucurbita pepo 2633, 11660
Cucurbitaceae 2616
Momordica charantia 10632
Zygostates leptosepala, taxonomy 12023
Verticillium
Solanum 2594
Solanum melongena 2594

LIST OF SERIALS ABSTRACTED

Listed below are the titles of the serial publications (excluding most annual reports and conference proceedings) abstracted during 1997 for this journal.
Many other serials were scanned during 1997 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1995 edition.* The publication includes ISSNs and publishers' addresses.

Acarologia
ACIAR Food Legume Newsletter
Acta Agriculturæ Scandinavica. Section B, Soil and Plant Science
Acta Agriculturae Boreali-Sinica
Acta Agriculturae Nucleatae Sinica
Acta Agriculturae Shanghai
Acta Agriculturae Universitatis Pekinensis
Acta Agriculturae Zhejiangensis
Acta Agronomica Hungarica
Acta Agronomica Óváriensis
Acta Agronomica Sinica
Acta Agronómica, Universidad Nacional de Colombia
Acta Amazonica
Acta Biochimica et Biophysica Sinica
Acta Biologica Hungarica
Acta Biotheoretica
Acta Botanica Gallica
Acta Botanica Malacitana
Acta Botánica Mexicana
Acta Botanica Neerlandica
Acta Botanica Sinica
Acta Botanica Yunnanica
Acta Entomologica Sinica
Acta Horticulturae
Acta Horticulturae Sinica
Acta Oecologica
Acta of Academy of Agricultural Science of the Democratic Peoples Republic, Korea
Acta Pedologica Sinica
Acta Physiologiae Plantarum
Acta Phytopathologica et Entomologica Hungarica
Acta Phytophylacica Sinica
Acta Phytophysiologica Sinica
Acta Phytotaxonomica Sinica
Acta Pruhoniciana
Acta Scientiarum Naturalium Universitatis Sunyatseni
Acta Societatis Botanicorum Poloniae
Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis
Acta Universitatis Agriculturae Sueciae - Agraria
Acta Universitatis Agriculturae Sueciae - Silvestria
Acta Universitatis Upsaliensis, Symbolae Botanicae Upsalienses
Actualidades Corpoica
Advances in Agricultural Research in India
Advances in Agronomy
Advances in Horticultural Science
Advances in Horticulture and Forestry
Advances in Plant Sciences
African Plant Protection
Afro-Asian Journal of Nematology
AFZ/Der Wald, Allgemeine Forst Zeitschrift für Waldwirtschaft und Umweltvorsorge
AgBiotech News and Information
Agraarteadus
Agrarforschung
Agri-food Research in Ontario
Agricoltura Mediterranea
Agricontact
Agricultura Técnica (Santiago)
Agricultura Técnica en México
Agricultura Tropica et Subtropica
Agricultura y Sociedad
Agricultura, Revista Agropecuaria
Agricultural and Food Science in Finland
Agricultural and Forest Meteorology
Agricultural Economics
Agricultural Reviews (Karnal)
Agricultural Science
Agricultural Science Digest (Karnal)
Agricultural Science in Finland
Agriculture and Human Values
Agriculture, Ecosystems & Environment
Agrivita
Agro Sur
Agro-Ciencia
Agrociencia
Agrokhimiya
Agronomía Colombiana
Agronomia Mesoamericana
Agronomía Tropical (Maracay)
Agronomie
Agronomski Glasnik
Agronomy Journal
Agropecuária Catarinense
Agrotrópica
AIAS Occasional Publication
Alexandria Journal of Agricultural Research
Alimentaria
Alimentos e Nutrição
Aliso
Allelopathy Journal
Aloe
American Camellia Yearbook
American Journal of Alternative Agriculture
American Journal of Botany
American Journal of Enology and Viticulture
American Midland Naturalist
American Naturalist
American Potato Journal
American Rhododendron Society Journal
Anadolu
Anais da Sociedade Entomológica do Brasil
Anale Institutul de Cercetări pentru Legumicultură şi Floricultură, Vidra
Analele Ştiinţifice ale Universităţii "Al. I. Cuza" din Iaşi. Secţiunea II a. Biologie Vegetală
Anales del Jardín Botánico de Madrid
Analytical Biochemistry
Angewandte Botanik
Animal Biotechnology
Animal Feed Science and Technology
Animal Genetics
Annales Botanici Fennici
Annales des Sciences Forestières
Annales du Tabac. Section 2
Annali - Accademia Italiana di Scienze Forestali
Annali della Facoltà di Scienze Agrarie della Università degli Studi di Napoli, Portici
Annals of Agricultural Research
Annals of Agricultural Science (Cairo)
Annals of Agricultural Science, Moshtohor
Annals of Applied Biology
Annals of Arid Zone
Annals of Bangladesh Agriculture
Annals of Biology (Ludhiana)
Annals of Botany
Annals of Forestry
Annals of Human Genetics
Annals of Plant Physiology
Annals of Plant Protection Sciences
Annals of the Missouri Botanical Garden
Annals of the Phytopathological Society of Japan
Annals of Tropical Research
Annual Report of the Hokkaido Research Center, Forestry and Forest Products Research Institute
Annual Report of the Society of Plant Protection of North Japan
Annual Review of Ecology and Systematics
Annual Review of Phytopathology
Annual Review of Plant Physiology and Plant Molecular Biology
Appita Journal
Applied and Environmental Microbiology
Applied Entomology and Zoology
Applied Plant Science
Aquaculture
Arab Gulf Journal of Scientific Research
Arab Journal of Plant Protection
Arboriculture Fruitière
Arboriculture Research and Information Note - Department of the Environment, UK
Archiv für Tierzucht

Archives of Biochemistry and Biophysics
Archives of Environmental Contamination and Toxicology
Archives of Phytopathology and Plant Protection
Archives of Virology
Archivos Latinoamericanos de Nutrición
Arid Soil Research and Rehabilitation
Arnoldia (Boston)
Arquivos de Biologia e Tecnologia
Arroz en las Américas
Asian-Australasian Journal of Animal Sciences
Aspects of Applied Biology
Assiut Journal of Agricultural Sciences
ATAC, Revista de la Asociación de Técnicos Azucareros de Cuba
Australasian Biotechnology
Australasian Plant Pathology
Australian Cottongrower
Australian Forestry
Australian Journal of Agricultural and Resource Economics
Australian Journal of Agricultural Research
Australian Journal of Botany
Australian Journal of Experimental Agriculture
Australian Journal of Grape and Wine Research
Australian Journal of Plant Physiology
Australian Plants
Australian Systematic Botany
Austrobaileya
Avance Agroindustrial
Avances en Alfalfa
Bahçe
Bangladesh Journal of Entomology
Bangladesh Journal of Plant Pathology
Bangladesh Journal of Scientific and Industrial Research
BASE: Biotechnologie, Agronomie, Société et Environnement
Beijing Agricultural Sciences
Betodlaren
Betteravier (Bruxelles)
Between the Vines - Newsletter
Bharatiya Sugar
Biochemical Genetics
Biochemical Journal (London)
Biochemical Society Transactions
Biochemical Systematics and Ecology
Biochemistry and Molecular Biology International
Biochimica et Biophysica Acta, Gene Structure and Expression
Biodiversity and Conservation
BioEssays
Biofutur
Biológia (Bratislava)
Biologia Plantarum
Biological & Pharmaceutical Bulletin
Biological Agriculture & Horticulture
Biological Conservation
Biological Journal of the Linnean Society
Biologija
Biologisches Zentralblatt
Biology and Fertility of Soils
Biology Bulletin of the Russian Academy of Sciences
Biology of the Cell
Biomass and Bioenergy
BioMetals
Biometrics
Bioorganicheskaya Khimiya
Bioresource Technology
BioScience
Bioscience, Biotechnology and Biochemistry
Biotechnic & Histochemistry
BioTechniques (Euro Edition)
Biotechnology Advances
Biotechnology and Bioengineering
Biotechnology and Development Monitor
Biotechnology and Development Review
Biotechnology and Genetic Engineering Reviews
Biotechnology Annual Review
Biotechnology Letters
Biotechnology Techniques
Biotropica
Biuletyn Instytutu Hodowli i Aklimatyzacji Roślin
Biuletyn Instytutu Ziemniaka
Biuletyn Warzywniczy
Blumea
Bodenkultur
Boletín FDA
Boletín Técnico de Ciencias Biológicas, Universidad de la República (Salto)
Bollettino dell'Istituto di Entomologia 'Guido Grandi' della Universita degli Studi di Bologna
Bonplandia
Botanica Acta
Botanical Bulletin of Academia Sinica
Botanical Journal of Scotland
Botanical Journal of the Linnean Society
Botanical Review
Botanicheskiĭ Zhurnal
Bothalia
Bradleya
Bragantia
Brazilian Journal of Genetics
Breeding Science
British Sugar Beet Review
Brittonia
Bulgarian Journal of Agricultural Science
Bulletin - Connecticut Agricultural Experiment Station
Bulletin - Mississippi Agricultural and Forestry Experiment Station
Bulletin - Pusat Penelitian Perkebunan Gula Indonesia
Bulletin - United Planters' Association of Southern India
Bulletin de l'OIV
Bulletin des Séances, Académie Royale des Sciences d'Outre-Mer
Bulletin du Muséum National d'Histoire Naturelle. Section B, Adansonia
Bulletin OEPP
Bulletin of Entomological Research
Bulletin of Faculty of Agriculture, University of Cairo
Bulletin of Mathematical Biology
Bulletin of Nippon Veterinary and Animal Science University
Bulletin of Taichung District Agricultural Improvement Station
Bulletin of the Chugoku National Agricultural Experiment Station
Bulletin of the College of Agriculture, Utsunomiya University
Bulletin of the Experimental Farm College of Agriculture, Ehime University
Bulletin of the Faculty of Agriculture, Hirosaki University
Bulletin of the Faculty of Agriculture, Meiji University
Bulletin of the Faculty of Agriculture, Niigata University
Bulletin of the Faculty of Agriculture, Saga University
Bulletin of the Hiroshima Prefectural Agriculture Research Center
Bulletin of the Hokuriku National Agricultural Experiment Station
Bulletin of the Institute for Comprehensive Agricultural Sciences, Kinki University
Bulletin of the Institute of Tropical Agriculture, Kyushu University
Bulletin of the Kyushu National Agricultural Experiment Station
Bulletin of the National Forest Tree Breeding Center
Bulletin of the National Research Institute of Vegetables, Ornamental Plants and Tea. Series A: Vegetables and Ornamental Plants
Bulletin of the National Research Institute of Vegetables, Ornamental Plants and Tea. Series B
Bulletin of the Research Institute for Bioresources, Okayama University
Bulletin of the Rubber Research Institute of Sri Lanka
Bulletin of the Tohoku National Agricultural Experiment Station
Bulletin of the Torrey Botanical Club
Bulletin of the University of Agricultural Sciences, Gödöllő
Bulletin of the University of Osaka Prefecture. Series B, Agriculture and Life Sciences
Bulletin OILB/SROP
Bulletin Trimestriel - Centre de Populiculture du Hainaut, Cahiers Techniques de l'Objectif 1
Cactus and Succulent Journal
Camellia Journal
Caña de Azúcar
Canadian Journal of Animal Science
Canadian Journal of Botany
Canadian Journal of Forest Research
Canadian Journal of Microbiology
Canadian Journal of Plant Pathology
Canadian Journal of Plant Science
Canadian Plant Disease Survey
Candollea
Capsicum & Eggplant Newsletter
Carbohydrate Polymers
Carta Trimestral - CENICANA, Centro de Investigación de la Caña de Azúcar de Colombia
Cashew
Časopis Lékařů Českých
Castanea
CBN Newsletter
Cell (Cambridge)
Cell Biology International
Cell Calcium (Edinburgh)
Cellular and Molecular Biology
Cercetări Agronomice în Moldova
Cereal Chemistry
Cereal Foods World
Cereal Research Communications
Champignon
Chemistry and Industry (London)
Chemistry and Industry of Forest Products
Chemistry of Natural Compounds
China Cottons
China Fruits
China Rice
China Vegetables
China's Fibre Crops
Chinese Journal of Agrometeorology
Chinese Journal of Applied Ecology

Chinese Journal of Rice Science
Chmelařství
Chromosoma
CIAT African Occasional Publications Series
Ciência Rural
Científica (Jaboticabal)
CIP Circular
Circular - Texas Forest Service
Cocoa Growers' Bulletin
Colture Protette
Commercial Grower
Communications in Soil Science and Plant Analysis
Compact Fruit Tree
Comparative Biochemistry and Physiology. A, Physiology
Comptes Rendus de l'Académie des Sciences. Série III, Sciences de la Vie
Comunicado Técnico - EMCAPA
Conservation Biology
Cooperative Sugar
CRC Critical Reviews in Food Science and Nutrition
Critical Reviews in Plant Sciences
Crop Genetic Resources
Crop Improvement
Crop Protection
Crop Research (Hisar)
Crop Science
CRRN, Chinese Rice Research Newsletter
Cruciferae Newsletter
Cryo-letters
CSIR News
Cuban Journal of Agricultural Science
Cukoripar
Cultivar (Rueil - Malmaison)
Cultivar, Hors Série
Cultivated Mushroom Research (CMR) Newsletter
Cultivos Tropicales
Current Agricultural Research
Current Agriculture
Current Biology
Current Genetics
Current Microbiology
Current Opinion in Biotechnology
Current Opinion in Immunology
Current Research - University of Agricultural Sciences (Bangalore)
Current Science
Curtis's Botanical Magazine
Cytobios
Cytologia
Cytotechnology
Deciduous Fruit Grower
Developmental Biology
Developmental Genetics
Difesa delle Piante
Dirasat. Series B, Pure and Applied Sciences
Discovery and Innovation
Diversity
DNA Sequence
Documentos - Centro de Pesquisa Agropecuária dos Cerrados
Documents de Travail du CIRAD-CA
Doklady Akademii Nauk Belarusi
Doklady, Biological Sciences
Dryland Pasture, Forage & Range Network News
Duta Rimba
Ecologist
Ecology
Economic Botany
Economic Development and Cultural Change
Écoscience
Ege Üniversitesi Ziraat Fakültesi Dergisi
Egyptian Journal of Horticulture
Elaeis
EMBO Journal
Entomologia Experimentalis et Applicata
Entwicklung + Ländlicher Raum
Environment and Ecology
Environment Control in Biology
Environmental and Experimental Botany
Environmental Entomology
Environmental Pollution
Environmental Science and Pollution Research International
Erwerbsobstbau
Euphytica
European Journal of Agronomy
European Journal of Biochemistry
European Journal of Cell Biology
European Journal of Forest Pathology
European Journal of Plant Pathology
Evolution
Evolutionary Ecology
Experientia
Experimental Agriculture
Extension Bulletin - Cooperative Extension, College of Agriculture & Home Economics, Washington State University
FABIS Newsletter
Farmers' Newsletter, Horticulture
FEBS Letters
Feddes Repertorium
FEMS Microbiology Letters
Fertiliser News
Field Crops Research
Fitopatología
Fitopatologia Brasileira
Fitopatología Colombiana
Fitoterapia
Fiziologiya i Biokhimiya Kul'turnykh Rasteniĭ
Flavour and Fragrance Journal
Flora (Jena)
Flora and Fauna (Jhansi)
Flora Malesiana Bulletin
Florida Entomologist
Folia Entomologica Hungarica
Folia Geobotanica et Phytotaxonomica
Folia Horticulturae
Food Biotechnology
Food Chemistry
Food Technology (Chicago)
Förderungsdienst
Forest Ecology and Management
Forest Genetic Resources
Forest Genetics
Forest Research
Forest Science
Forestry Chronicle
Forêts de France
Forst und Holz
Forstarchiv
Fourrages
Fragmenta Floristica et Geobotanica
Fragmenta Floristica et Geobotanica, Series Polonica
Frontiers of Plant Science
Fruit Belge
Fruit Varieties Journal
Fruits (Paris)
Fruitteelt (Den Haag)
Fruitteelt-nieuws
Functional Ecology
Fungal Genetics and Biology
Futures (East Lansing)
Futuribles
Gamma Field Symposia
Garden (London)
Gartenbauwissenschaft
Gemüse (München)
Gene
General Technical Report - Intermountain Research Station, USDA Forest Service
Genes & Development
Genes and Genetic Systems
Genetic Resources and Crop Evolution
Genetic Resources Communication
Genetica
Genetical Research
Genetics
Genetics, Selection, Evolution
Genetika (Moskva)
Genetika a Šlechtění
Genome
Genome Research
Georgofili
Global Journal of Pure and Applied Sciences
Godišen Zbornik na Zemjodelskiot Fakultet - Univerzitet, St. Kiril i Metodij, Skopje
Good Fruit Grower
Grøn Viden, Havebrug
Grøn Viden, Landbrug
Grana
Grass and Forage Science
Grassland of China
Grassland Science
Great Basin Naturalist
GrowerTalks
Guangdong Agricultural Sciences
Haryana Agricultural University Journal of Research
Haryana Journal of Horticultural Science
Helia
Herba
Herba Polonica
Hereditas (Beijing)
Hereditas (Landskrona)
Heredity
HGCA Project Report
HGCA Research Review

Highlights of Agricultural Research - Alabama Agricultural Experiment Station
Holly Society Journal
Horticultura Brasileira
Horticultural Journal
Horticultural Science
HortScience
HRC, Journal of High Resolution Chromatography
Hydrobiologia
IAR Newsletter of Agricultural Research
ICAR News - Science and Technology Newsletter
Iheringia, Série Botânica
Indian Agriculturist
Indian Cocoa, Arecanut and Spices Journal
Indian Coconut Journal (Cochin)
Indian Coffee
Indian Forester
Indian Journal of Agricultural Research
Indian Journal of Agricultural Sciences
Indian Journal of Animal Nutrition
Indian Journal of Animal Sciences
Indian Journal of Biochemistry & Biophysics
Indian Journal of Entomology
Indian Journal of Environment and Toxicology
Indian Journal of Experimental Biology
Indian Journal of Forestry
Indian Journal of Genetics & Plant Breeding
Indian Journal of Microbiology
Indian Journal of Mycology and Plant Pathology
Indian Journal of Natural Rubber Research
Indian Journal of Plant Physiology
Indian Journal of Pulses Research
Indian Journal of Sericulture
Indian Journal of Virology
Indian Phytopathology
Indian Sugar
Indonesian Agricultural Research & Development Journal
Industrial Crops and Products
Industrija Šećera
Infomusa
Information Report - Laurentian Forestry Centre, Quebec Region, Canadian Forest Service
Informativo de Tecnología Agropecuaria para la Región Semiárida Pampeana
Informatore Agrario
Informatore Agrario Supplemento
Informatore Fitopatologico
Infos (Paris)
Inligtingsbulletin - Instituut vir Tropiese en Subtropiese Gewasse
Insect Environment
International Arachis Newsletter
International Archives of Allergy and Immunology
International Chickpea and Pigeonpea Newsletter
International Journal of Food Science & Technology
International Journal of Pest Management
International Journal of Plant Sciences
International Journal of Sustainable Development and World Ecology
International Rice Research Notes
International Sorghum and Millets Newsletter
International Sugar Journal (Beet Sugar Edition)
International Sugar Journal (Cane Sugar Edition)
International Turfgrass Bulletin
Investigación Agraria, Producción y Protección Vegetales
IPGRI Newsletter for Asia, the Pacific and Oceania
Iranian Journal of Agricultural Sciences
Iranian Journal of Botany
ISAAA Briefs
Israel Journal of Plant Sciences
Italian Journal of Agronomy
Italian Journal of Food Science
ITEA Producción Vegetal
Izvestiya Timiryazevskoĭ Sel'skokhozyaĭstvennoĭ Akademii
Japanese Journal of Crop Science
Japanese Journal of Tropical Agriculture
JARQ, Japan Agricultural Research Quarterly
Jiangsu Agricultural Sciences
Jiangsu Journal of Agricultural Sciences
JIRCAS International Symposium Series
JIRCAS Journal
Journal - American Society of Sugar Cane Technologists
Journal of Agricultural and Food Chemistry
Journal of Agricultural Entomology
Journal of Agricultural Research of China
Journal of Agricultural Science
Journal of Agricultural, Biological, and Environmental Statistics
Journal of Agriculture of the University of Puerto Rico
Journal of Agronomy and Crop Science
Journal of Allergy and Clinical Immunology
Journal of Animal and Feed Sciences
Journal of Animal Breeding and Genetics
Journal of Animal Science
Journal of Applied Biology
Journal of Applied Ecology
Journal of Applied Entomology
Journal of Applied Genetics
Journal of Applied Phycology
Journal of Applied Poultry Research
Journal of Applied Seed Production
Journal of Arboriculture
Journal of Arid Environments
Journal of Bamboo Research
Journal of Beijing Forestry University, English edition
Journal of Biochemistry (Tokyo)
Journal of Biogeography
Journal of Biological Chemistry
Journal of Biological Physics
Journal of Biosciences
Journal of Biotechnology
Journal of Cell Science
Journal of Cereal Science
Journal of Chemical Ecology
Journal of China Agricultural University
Journal of Ecobiology
Journal of Ecology (Oxford)
Journal of Economic and Taxonomic Botany
Journal of Economic Entomology
Journal of Entomological Research
Journal of Entomological Science
Journal of Environmental Biology
Journal of Environmental Horticulture
Journal of Essential Oil Research
Journal of Evolutionary Biology
Journal of Experimental Botany
Journal of Food Composition and Analysis
Journal of Food Science
Journal of Food Science and Technology (Mysore)
Journal of Forestry
Journal of Fruit and Ornamental Plant Research
Journal of Fruit Science
Journal of Fujian Agricultural University
Journal of General and Applied Microbiology
Journal of Genetics
Journal of Genetics & Breeding
Journal of Hebei Agricultural University
Journal of Henan Agricultural Sciences
Journal of Herbs, Spices & Medicinal Plants
Journal of Heredity
Journal of Hill Research
Journal of Horticultural Science
Journal of Huazhong Agricultural University
Journal of Insect Physiology
Journal of Insect Science
Journal of Intellectual Property Rights
Journal of Japanese Botany
Journal of Jiangsu Agricultural College
Journal of Jilin Agricultural University
Journal of Living World
Journal of Maharashtra Agricultural Universities
Journal of Medicinal and Aromatic Plant Sciences
Journal of Microscopy
Journal of Molecular Evolution
Journal of Mycopathological Research
Journal of Nanjing Agricultural University
Journal of Nanjing Forestry University
Journal of Nanjing Institute of Meteorology
Journal of Natural Products
Journal of Natural Rubber Research
Journal of Nematology
Journal of Northeast Agricultural University (English Edition)
Journal of Northeast Forestry University
Journal of Nuclear Agriculture and Biology
Journal of Oilseeds Research
Journal of Palynology
Journal of Parasitology
Journal of Phytopathology
Journal of Plant Growth Regulation
Journal of Plant Nutrition
Journal of Plant Physiology
Journal of Plant Resources and Environment
Journal of Plantation Crops
Journal of Rakuno Gakuen University, Natural Science
Journal of Range Management
Journal of Research APAU
Journal of Research, Birsa Agricultural University
Journal of Research, Punjab Agricultural University
Journal of Root Crops
Journal of Shandong Agricultural University
Journal of Society of High Technology in Agriculture
Journal of Soils and Crops
Journal of South China Agricultural University
Journal of South Pacific Agriculture
Journal of Southwest Agricultural University

Journal of Spices and Aromatic Crops
Journal of Stored Products Research
Journal of Sugar Beet Research
Journal of Sustainable Agriculture
Journal of Sustainable Forestry
Journal of Taiwan Livestock Research
Journal of Tea Science
Journal of the Adelaide Botanic Gardens
Journal of the American Oil Chemists' Society
Journal of the American Society for Horticultural Science
Journal of the Chinese Agricultural Chemical Society
Journal of the Faculty of Agriculture, Hokkaido University
Journal of the Faculty of Agriculture, Kyushu University
Journal of the Indian Potato Association
Journal of the International Hemp Association
Journal of the Japanese Forestry Society
Journal of the Japanese Society for Horticultural Science
Journal of the Korean Society for Horticultural Science
Journal of the Korean Society of Grassland Science
Journal of the National Science Council of Sri Lanka
Journal of the Orchid Society of India
Journal of the Rubber Research Institute of Sri Lanka
Journal of the Science of Food and Agriculture
Journal of the Southern African Society for Horticultural Sciences
Journal of the Sports Turf Research Institute
Journal of the Zhejiang Forestry College
Journal of Tree Fruit Production
Journal of Tropical and Subtropical Botany
Journal of Tropical Forest Science
Journal of Turfgrass Management
Journal of Turkish Phytopathology
Journal of Vegetable Crop Production
Journal of Vegetation Science
Journal of Wine Research
Journal of Zhejiang Forestry Science and Technology
Jugoslovensko Voćarstvo
Kaen Kaset = Khon Kaen Agriculture Journal
Karnataka Journal of Agricultural Sciences
Karoka
Kartofel' i Ovoshchi
Kasetsart Journal, Natural Sciences
Kew Bulletin
Korean Journal of Crop Science
Korean Journal of Plant Pathology
Korean Journal of Weed Science
KRIBP Working Paper - Research Issues in Natural Resource Management, Centre for Development Studies, University of Wales Swansea
Krmiva
Kühn-Archiv
Kukuruza i Sorgo
Lagascalia
Lamiales Newsletter
Landbauforschung Völkenrode
Landmark (Stoneleigh)
Landscope
Latvijas Zinātņu Akadēmijas Vēstis. A Daļa, Humanitārās Zinātnes
Lavoura Arrozeira
Lazaroa
Lebensmittel-Wissenschaft & Technologie
Legume Research
Lens Newsletter
Lesnická Práce
Lesnictví - Forestry
Lesovedenie
Lindleyana
Listy Cukrovarnické a Řepařské
Lohmann Information
Louisiana Agriculture
Macedonian Agricultural Review
Madras Agricultural Journal
Magyar Szőlő- és Borgazdaság
Mais
Maize Genetics Cooperation Newsletter
Materiały Sesji Instytutu Ochrony Roślin
Maydica
Meddelelser fra Skogforsk
Mededeling - Provinciaal Onderzoek- en Voorlichtingscentrum voor Land- en Tuinbouw, Beitem-Roeselare
Mededelingen - Faculteit Landbouwkundige en Toegepaste Biologische Wetenschappen, Universiteit Gent
Meinungen zur Agrar- und Umweltpolitik
Memoirs of Osaka Kyoiku University. III, Natural Science and Applied Science
Memoirs of the College of Agriculture, National Taiwan University
Menara Perkebunan
MESFIN Newsletter
Microbiology (Reading)
Miscellaneous Reports - Agricultural Research Institute, Ministry of Agriculture and Natural Resources (Nicosia)
Mitteilungen aus der Biologischen Bundesanstalt für Land- und Forstwirtschaft Berlin-Dahlem
Mitteilungen Klosterneuburg, Rebe und Wein, Obstbau und Früchteverwertung
Mokuzai Gakkaishi = Journal of the Japan Wood Research Society
Molecular and Cellular Biology
Molecular and General Genetics
Molecular Biology and Evolution
Molecular Biology Reports
Molecular Biotechnology
Molecular Breeding
Molecular Ecology
Molecular Immunology
Molecular Medicine Today
Molecular Microbiology
Molecular Plant-Microbe Interactions
Molecules and Cells
Monti e Boschi
Mühle + Mischfuttertechnik
MusAfrica
Mushroom Research
Mutagenesis
Mutation Research, Fundamental and Molecular Mechanisms of Mutagenesis
Mycologia
Mycological Research
Mycopathologia
Mycorrhiza
Mycoscience
Mysore Journal of Agricultural Sciences
Nachrichtenblatt des Deutschen Pflanzenschutzdienstes
Nahrung
Natural Areas Journal
Naturalia (São Paulo)
Nature (London)
Nature and Resources
Nature Biotechnology
Nature Genetics
Naturwissenschaften
NBRI Newsletter
Nederlands Bosbouwtijdschrift
Nematologia Brasileira
Nematologia Mediterranea
Nematologica
Neo Botanica
Network Paper - Agricultural Administration (Research and Extension) Network
New Farmer & Grower
New Forests
New Phytologist
New Plantsman
New Zealand Forestry
New Zealand Garden Journal
New Zealand Journal of Agricultural Research
New Zealand Journal of Botany
New Zealand Journal of Crop and Horticultural Science
News Letter - National Horticultural Research and Development Foundation
Ningxia Journal of Agricultural and Forestry Science and Technology
Nordic Journal of Botany
Nordisk Jordbruksforskning
Norsk Landbruksforsking
North Carolina Flower Growers' Bulletin
Northern Journal of Applied Forestry
Norwegian Journal of Agricultural Sciences
Növényvédelem
Novon
Nucleic Acids Research
Nuytsia
Obst- und Weinbau
Obstbau Weinbau
Ochrana Rostlin
OCL - Oléagineux, Corps Gras, Lipides
ODI Natural Resource Perspectives
Oecologia
Oikos
Oil Crops of China
Oléoscope
Olivæ
Onion Newsletter for the Tropics
Orchids
Orissa Journal of Horticulture
Österreichische Forstzeitung
Outlook on Agriculture
Oversigt over Landsforsøgene
Pacific Science
Pakistan Journal of Botany
Pakistan Journal of Phytopathology
Pakistan Journal of Scientific and Industrial Research
Pakistan Journal of Zoology
Pakistan Sugar Journal
Partners in Research for Development
Pasturas Tropicales

Pea & Bean Progress
Pelita Perkebunan
Pennsylvania Fruit News
Perfumer & Flavorist
Pesquisa Agropecuária Brasileira
Pesquisa em Andamento - Centro Nacional de Pesquisa do Algodão
Pesquisa em Andamento - EMBRAPA Centro de Pesquisa Agropecuária do Oeste
Pesticide Biochemistry and Physiology
Pesticide Outlook
Pesticide Science
Petria
Pflanzenschutz-Nachrichten Bayer
Pflanzenschutz-Nachrichten Bayer (English ed.)
PGRSA Quarterly
Pharmazie
Philippine Journal of Science
Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences
Photosynthesis Research
Photosynthetica
Physiologia Plantarum
Physiological and Molecular Plant Pathology
Phytochemistry
Phytoma
Phytomedicine
Phytomorphology
Phyton (Buenos Aires)
Phyton (Horn)
Phytopathologia Mediterranea
Phytopathologia Polonica
Phytopathology
Phytotherapy Research
PKV Research Journal
Plant and Cell Physiology
Plant and Soil
Plant Breeding
Plant Breeding Abstracts
Plant Breeding and Seed Science
Plant Cell
Plant Cell Reports
Plant Cell, Tissue and Organ Culture
Plant Disease
Plant Disease Research
Plant Ecology
Plant Foods for Human Nutrition
Plant Genetic Resources Newsletter
Plant Growth Regulation
Plant Journal
Plant Material Description
Plant Molecular Biology
Plant Molecular Biology Reporter
Plant Pathology
Plant Pathology Bulletin
Plant Pathology Circular (Gainesville)
Plant Physiology
Plant Physiology & Biochemistry (New Delhi)
Plant Physiology and Biochemistry (Paris)
Plant Physiology Communications
Plant Protection
Plant Science (Limerick)
Plant Systematics and Evolution
Plant Talk
Plant Varieties & Seeds
Plant Varieties Journal
Plant, Cell and Environment
Planta
Planta Medica
Plantations, Recherche, Développement
Planter
Polish Journal of Food and Nutrition Sciences
Poljoprivredna Znanstvena Smotra
Postharvest Biology and Technology
Postharvest News and Information
Potato Research
Poultry Science
Prace z Zakresu Nauk Rolniczych
Prairie Naturalist
Preslia
Principes
Probleme de Genetică Teoretică şi Aplicată
Probleme de Protecţia Plantelor
Proceedings - Soil and Crop Science Society of Florida
Proceedings Annual Conference - Agronomy Society of New Zealand
Proceedings of School of Agriculture, Kyushu Tokai University
Proceedings of the Annual Congress - South African Sugar Technologists' Association
Proceedings of the Indian National Science Academy. Part B, Biological Sciences
Proceedings of the Interamerican Society for Tropical Horticulture
Proceedings of the Japanese Society of Sugar Beet Technologists
Proceedings of the National Academy of Sciences of the United States of America
Progrès Agricole et Viticole
Protoplasma
Pulp & Paper Canada
Punjab Vegetable Grower
Quarterly Bulletin of the North American Lily Society
Quarterly Journal of International Agriculture
Quarterly Newsletter - Tea Research Foundation of Central Africa
RAFI Communique
Rangelands
Rapport fra Skogforsk
Rasteniev"dni Nauki
Rastitel'nye Resursy
RDA Journal of Agricultural Science, Biotechnology
RDA Journal of Agricultural Science, Crop Protection
RDA Journal of Agricultural Science, Farm Management, Agricultural Engineering, Sericulture, & Farm Products Utilization
RDA Journal of Agricultural Science, Horticulture
RDA Journal of Agricultural Science, Upland & Industrial Crops
Recent Horticulture
Report - Cucurbit Genetics Cooperative
Report of the Soy Protein Research Committee (Japan)
Reproduction, Fertility and Development
Research Bulletin of Obihiro University, Natural Science
Research Bulletin of the Hokkaido National Agricultural Experiment Station
Research Information Note - Forestry Authority Research Division
Research Report - Georgia Agricultural Experiment Stations
Research Report - Mississippi Agricultural and Forestry Experiment Station
Research Series - Arkansas Agricultural Experiment Station
Resistant Pest Management
Resultat - SkogForsk
Review of Palaeobotany and Palynology
Review of Research Work at the Faculty of Agriculture, Belgrade
Revista Brasileira de Botânica
Revista Brasileira de Fisiologia Vegetal
Revista Brasileira de Sementes
Revista Ceres
Revista Chapingo. Serie Horticultura
Revista da Sociedade Brasileira de Zootecnia
Revista de Agricultura (Piracicaba)
Revista de Biología Tropical
Revista de la Facultad de Agronomía (La Plata)
Revista de la Facultad de Agronomía (Universidad de Buenos Aires)
Revista de la Facultad de Agronomía, Universidad del Zulia
Revista Fitotecnia Mexicana
Revista UNIMAR
Revue Agricole et Sucrière de l'Île Maurice
Revue Forestière Française
Revue Horticole Suisse
Revue Suisse d'Agriculture
Revue Suisse de Viticulture, d'Arboriculture et d'Horticulture
Rhodora
Rice Biotechnology Quarterly
Rice Genome
Rivista di Agronomia
Rivista di Frutticoltura e di Ortofloricoltura
Rivista di Viticoltura e di Enologia
Rivista Italiana delle Sostanze Grasse
Roczniki Akademii Rolniczej w Poznaniu, Ogrodnictwo
Roczniki Nauk Rolniczych. Seria A, Produkcja Roślinna
Romanian Agricultural Research
Rostlinná Výroba
Rural Research
Russian Agricultural Sciences
Russian Journal of Ecology
Russian Journal of Nematology
Russian Journal of Plant Physiology
SACCAR Newsletter
SAD, Revija za Sadjarstvo, Vinogradništvo in Vinarstvo
Sadovodstvo i Vinogradarstvo
Sakharnaya Svekla
Sandakania
Sarhad Journal of Agriculture
Sborník - Jihočeská Univerzita, Zemědělská Fakulta, České Budějovice. Fytotechnická Rada
Scandinavian Journal of Forest Research
Science (Washington)
Science in New Guinea
Science Reports of Faculty of Agriculture, Kobe University
Sciences des Aliments
Scientia Agricola
Scientia Agricultura Sinica
Scientia Agriculturae Bohemica
Scientia Horticulturae
Scientific Reports of the Faculty of Agriculture, Okayama University
Seed and Plant
Seed Research
Seed Science and Technology

Seed Science Research
Sel'skokhozyaĭstvennaya Biologiya
Selekcija i Semenarstvo
Sementi Elette
Seminar Paper - Lumle Regional Agricultural Research Centre
Seminars in Virology
Sendtnera, Mitteilungen der Botanischen Staatssammlung und des Instituts für Systematische Botanik der Universität München
Sexual Plant Reproduction
Shikoku Nogyo Shikenjo Kenkyu Shiryo = Miscellaneous Publication of the Shikoku National Agricultural Experiment Station
Shokuhin Eiseigaku Zasshi = Journal of the Food Hygienic Society of Japan
Silva Fennica
Silva Lusitana
Silvae Genetica
Sinet, an Ethiopian Journal of Science
Sjemenarstvo
SOB Informa
Sochi Shikenjo Kenkyu Hokoku = Bulletin of the National Grassland Research Institute
Sodobno Kmetijstvo
Soil Science and Plant Nutrition
Soil Science Society of America Journal
South African Forestry Journal
South African Journal for Enology and Viticulture
South African Journal of Botany
South African Journal of Plant and Soil
South African Journal of Science
South China Fruits
South Indian Horticulture
Southern African Forestry Journal
Southern Journal of Applied Forestry
Southwestern Entomologist
Soybean Genetics Newsletter
Soybean Science
SP Rapport - Statens Planteavlsforsøg
Special Report - Agricultural Experiment Station, Division of Agriculture, University of Arkansas
Sri Lankan Journal of Agricultural Sciences
Sugar Cane
Sugar Journal
Summa Phytopathologica
Svensk Frötidning
Sveriges Utsädesförenings Tidskrift
Sylwan
Systematic Botany
Tabacco
Taiwan Journal of Forest Science
Taiwan Sugar
Taiwania
TASPO Gartenbaumagazin
Taxon
Tea
Technical Bulletin - United States Department of Agriculture
Technical Bulletin of the Faculty of Agriculture, Kagawa University
Technical News - Institute of Radiation Breeding
Technical Paper - Forestry Commission
Telopea
Terra e Sole
Tests of Agrochemicals and Cultivars
Thai Forest Bulletin (Botany)
Thaiszia
Theoretical and Applied Genetics
Theoretical Population Biology
Tissue & Cell
Tobacco Research
Tohoku Nogyo Shikenjo Kenkyu Shiryo = Miscellaneous Publication of the Tohoku National Agricultural Experiment Station
Transactions of the Illinois State Academy of Science
Transgenic Research
Tree Fruit Postharvest Journal
Tree Physiology
Tree Planters' Notes
Trees and Natural Resources
Trees: Structure and Function
Trends in Biotechnology
Trends in Ecology & Evolution
Trends in Food Science & Technology
Trends in Genetics
Trends in Plant Science
Tropenlandwirt
Tropical Agriculture
Tropical Ecology
Tropical Fruits Newsletter
Tropical Grasslands
Tropical Science
Tsitologiya
Tsitologiya i Genetika
Turkish Journal of Agriculture & Forestry
Turkish Journal of Biology
Turkish Journal of Botany
Türkiye Entomoloji Dergisi
Turrialba
TVIS Newsletter
Uspekhi Sovremennoĭ Biologii
Uttar Pradesh Journal of Zoology
Vegetatio
Vestsī Akadèmīī Agrarnykh Navuk Belarusī
Vignevini
Vinohrad (Bratislava)
Virology (New York)
Virus Genes
Vita in Campagna
Vitis
Vorträge für Pflanzenzüchtung
WANATCA Yearbook
Warta Pusat Penelitian Bioteknologi Perkebunan
Watsonia
Webbia
Weed Research (Oxford)
Weed Technology
Wheat Information Service
Willdenowia
Wirtschaftseigene Futter
Working Paper - CIMMYT Economics Program
Working Paper - Lumle Regional Agricultural Research Centre
World Journal of Microbiology & Biotechnology
Yearbook - South African Mango Growers' Association
Zahradnictví
Zaštita Bilja
Zbornik Biotehniške Fakultete Univerze v Ljubljani, Kmetijstvo
Zbornik Gozdarstva in Lesarstva, Ljubljana
Zeitschrift für Agrarinformatik
Zeitschrift für Lebensmittel-Untersuchung und -Forschung
Zeitschrift für Naturforschung. Section C, Biosciences
Zeitschrift für Pflanzenernährung und Bodenkunde
Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz
Zemledelie
Zeszyty Naukowe Akademii Rolniczej im. Hugona Kołłątaja w Krakowie, Ogrodnictwo
Zeszyty Naukowe Akademii Rolniczej w Szczecinie, Rolnictwo
Ziranziyuan
Zöldségtermesztési Kutató Intézet Bulletinje
Zuckerindustrie

Document Delivery Service

Coverage: We can provide copies of most articles cited in the CAB ABSTRACTS journals and database. Copyright law prohibits supply of more than one article from one periodical issue on any one occasion. Books and other complete publications can be sourced and supplied and are charged at normal (retail) price plus handling/postage, for which a quotation will be sent.

Ordering: Please complete an order form, ensuring that you give full bibliographic details and attach a copy of your reference source. Requests may also be sent by post, fax or Email, or placed through online ordering systems. The cost (detailed below) is for each article irrespective of length. UK customers must add VAT, and other EC customers must either quote their VAT number (see below) or UK VAT (currently 17.5%) will be added.

Payment: Prepayment is required unless you have a CABI deposit account. Credit cards, cheques, bank drafts or international money orders (not national postal orders) are accepted and should be made payable to CAB INTERNATIONAL. Sterling cheques should be drawn on a UK bank, and US$ cheques should be drawn on a US bank. Library Services Vouchers (details on request) provide an alternative and convenient method of prepayment.

PHOTOCOPY REQUEST (Please type or print clearly)

CAB INTERNATIONAL,
Library Services Centre,
Silwood Park, Buckhurst Road,
Ascot, Berks, SL5 7TA, UK.
Tel: +44 (0) 1344 872747
Fax: +44 (0) 1344 872901
Email: library@cabi.org

Author(s): .....

Article Title: .....

Journal/
Book Title: .....

Year: ..... Vol: ..... Part: ..... Pages: .....

Despatch to: .....

.....

.....

.....

Tel: .....

Fax: .....

Order/Ref. Number: .....

Delivery Method (Tick one box)

☐ Post (£7.50/US$14.00) + VAT in UK and EC ☐ Fax (£17.50/US$33.00) + VAT in UK and EC

Payment Method (Tick one box)

☐ Payment enclosed £/$ ..... ☐ Charge Deposit Account No .....

☐ Charge Credit Card, please fill in details below

Circle one: ACCESS / AMERICAN EXPRESS / EUROCARD / MASTERCARD / VISA

Card Number: ..... Expiry date: .....

EC COUNTRIES ONLY - If you are registered for VAT (BTW/MWST/IVA/MOMS/FPA/TAV/MWS/AVL/MOM)

Please quote number: .....

Please supply me (the undersigned) with the above item which I will use only for private research or study. I have not previously been supplied with a copy of the same material by any librarian, and will not supply a copy of it to anyone else. To the best of my knowledge, no one with whom I work or study has requested or will request substantially the same item for substantially the same purpose.

Signature: ..... Date: .....

Please attach a copy of your source of reference

DDS-96

Printed in Great Britain by Antony Rowe Ltd, Chippenham, Wiltshire

CAB INTERNATIONAL PUBLICATIONS AND SERVICES

CAB INTERNATIONAL (CABI) is a not-for-profit organization in the areas of agriculture, forestry, the management of natural resources and related sciences including human nutrition and health. An active Publishing Programme, under CABI's Publishing Division, markets and publishes worldwide a range of printed and electronic products within these subject areas.

The products are predominately outputs from CABI's main databases, CAB ABSTRACTS and CAB HEALTH, which contain over 3 million bibliographic records of the world's scientific and technical literature since 1973.

CAB ABSTRACTS is the world's leading bibliographic database covering all aspects of agriculture, forestry, veterinary science, soil and water science, as well as leisure, recreation and tourism and human nutrition.

CAB HEALTH covers parasitic, tropical and communicable diseases of man (including HIV/AIDS), community and public health, human nutrition, and medicinal and poisonous plants.

FROM THE DATABASES:

CAB ACCESS
Provides fast, weekly access to the key literature in agriculture and bioscience.

ABSTRACT JOURNALS
Printed journals covering broad disciplines as well as specialist interests. Some journals also contain news and other information including review articles. Also available on floppy disk.

CD-ROM
CAB ABSTRACTS on compact disc, the CABCD, available back to 1973.

CAB HEALTH – available back to 1973.

CAB SPECTRUM – Subject-specific discs containing at least 20 years of information on each of the major broad disciplines.

CAB COLLECTION – Narrower subject discs containing nearly 25 years of information in a unique, searchable, bibliographic archive.

MAGNETIC TAPES
Organizations with access to mini or mainframe computers may lease all or part of the CAB ABSTRACTS database.

ANNOTATED BIBLIOGRAPHIES
Printed or electronic compilations on specific topics.

CAB ALERTS
A monthly current awareness service providing subscribers with the search results from standard profiles.

CAB PROFILES
Personalized current awareness profiles based on the most recent input to the database, tailored to individual needs.

LITERATURE SEARCH SERVICE
A Question and Answer and Literature Search service are available.

ALSO:

PRIMARY JOURNALS
Bulletin of Entomological Research, Seed Science Research, Journal of Helminthology, Soil Use and Management, Outlook on Agriculture, British Journal of Nutrition, Proceedings of The Nutrition Society and Nutrition Research Reviews.

NEWSLETTERS
Authoritative, accurate and up-to-date synopses of current topics reflected in the international media as well as the technical, scientific and medical press.

SERIAL PUBLICATIONS
Index of Current Research on Pigs, Distribution Maps of Pests, Distribution Maps of Plant Diseases, Bibliography of Systematic Mycology, descriptions of Pathogenic Fungi & Bacteria, Index of Fungi and Systema Ascomycetum.

BOOKS
CABI has an active book publishing programme and publishes over 60 new titles every year, some of which are available in electronic form. Please contact the Commissioning Editor.

CROP PROTECTION COMPENDIUM
A CD-ROM containing detailed, illustrated data on over 1000 major pests, including pathogens and weeds, and quarantine pests. It covers 150 crops of the world, and 150 countries of the world.

SCIENTIFIC SOFTWARE AND REFERENCE TOOLS
Interactive Taxonomic Identification Keys and authority titles to arthropods, fungi and nematodes.

CABI on the WWW
You can find out more about CABI publications and services at http://www.cabi.org

For further information on any of the above products contact:

CAB INTERNATIONAL, Publishing Division, Wallingford, Oxon OX10 8DE, UK
Tel: +44 (0)1491 832111 Fax: +44 (0)1491 826090 E-Mail: marketing@cabi.org

CAB INTERNATIONAL, Publishing Division, North America, 198 Madison Avenue, New York, New York 10016-4314
Tel: +1 (212) 726-6490 [toll-free (1800) 528 4841] Fax: +1 (212) 686 7993 E-mail: CABI-NAO@cabi.org

CAB INTERNATIONAL, ASIA, PO Box 11872, 50760 Kuala Lumpur, Malaysia
Tel: +60 (0)3 943 2921 Fax: +60 (0)3 943 6400 E-mail: cabi-aro@cabi.org

CAB INTERNATIONAL, CARIBBEAN, Gordon Street, Curepe, Trinidad & Tobago
Tel: +1 (809) 645 7628 Fax: +1 (809) 663 2859 E-mail: cabi-cro@cabi.org

CAB INTERNATIONAL, AFRICA, PO Box 76520, Nairobi, Kenya
Tel: +254 (2) 747 329/337 Fax: +254 (2) 747 340 E-mail: cabi-ROAF@cabi.org